

*Fig. 1*

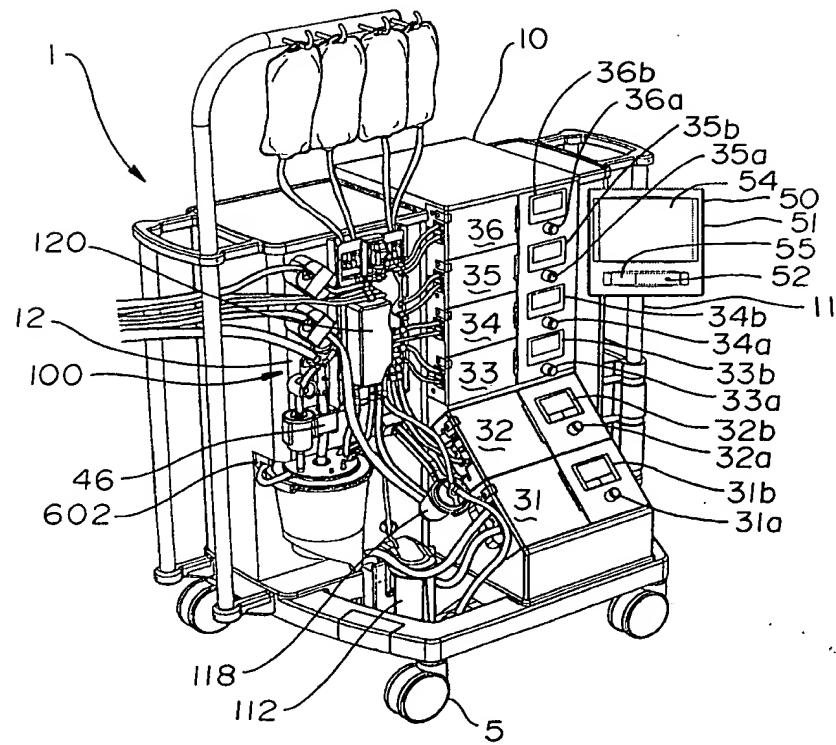
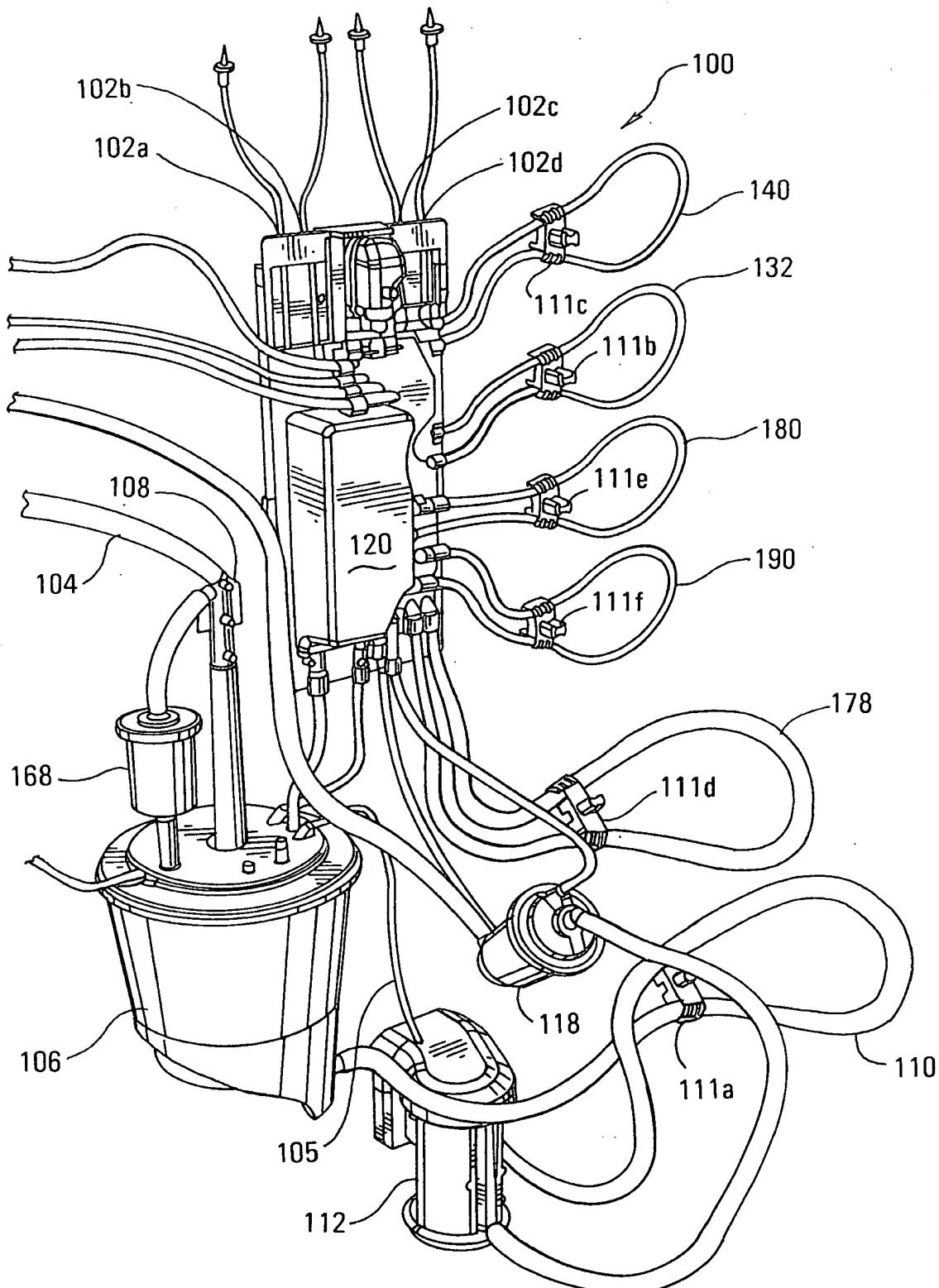
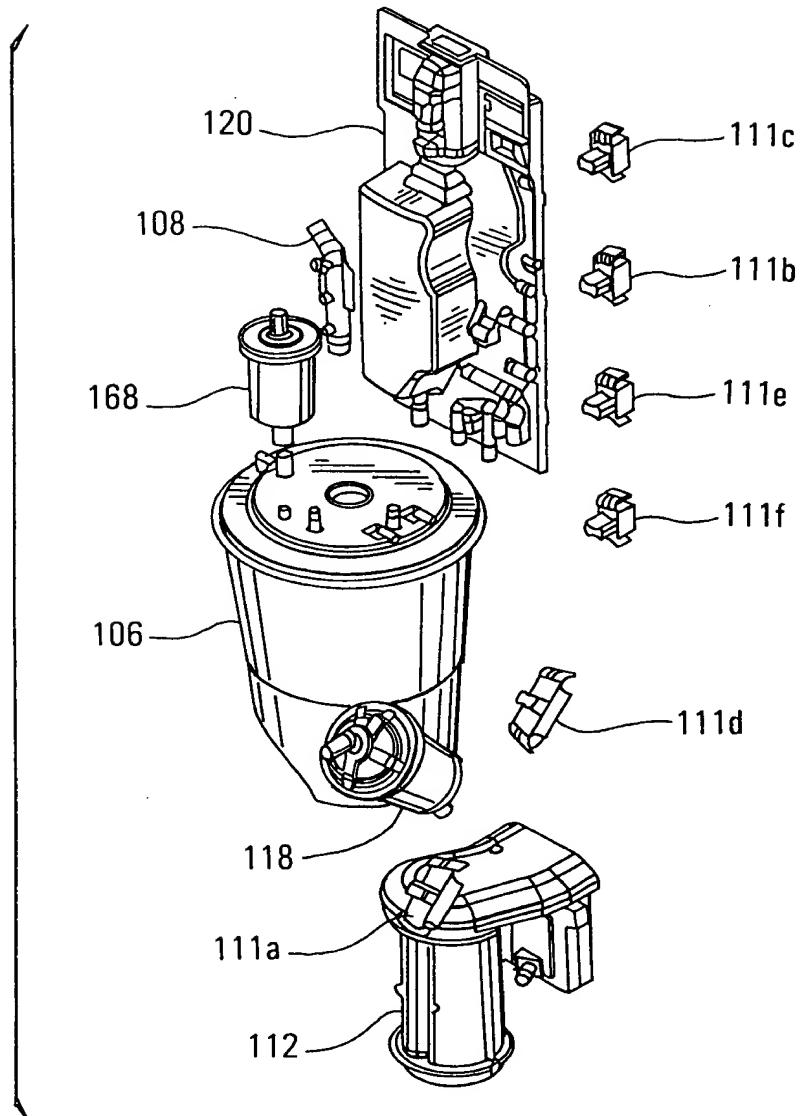


Fig. 2A

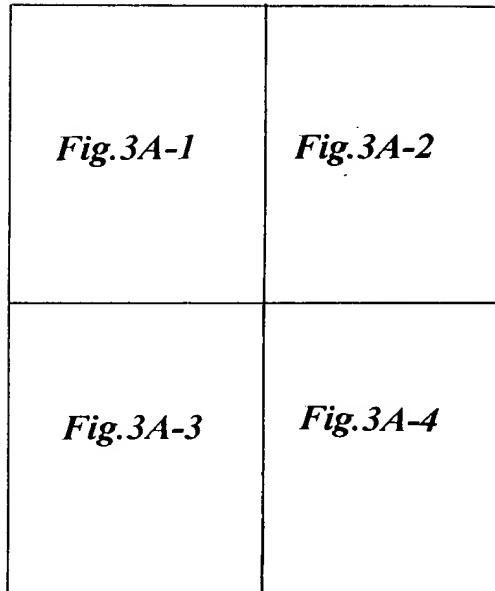


**Fig. 2B**

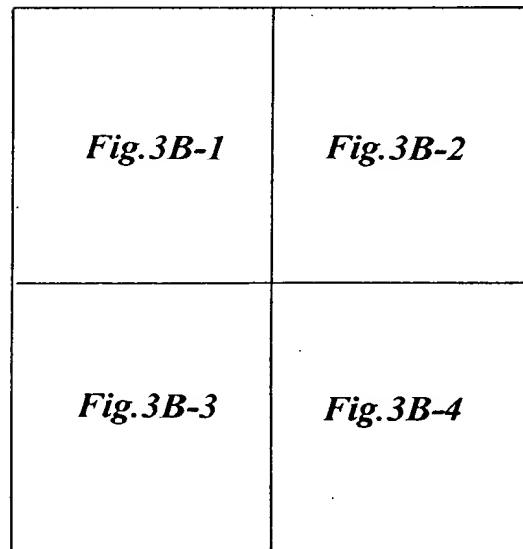


Serial No. 09/963,793  
Applicant: Kevin Kollar et al.  
Attorney Docket: CV0291US  
Attorney: Terry L. Wiles  
Telephone: (612) 334-8992

*Fig.3A*



*Fig.3B*



*Fig.3B-1*

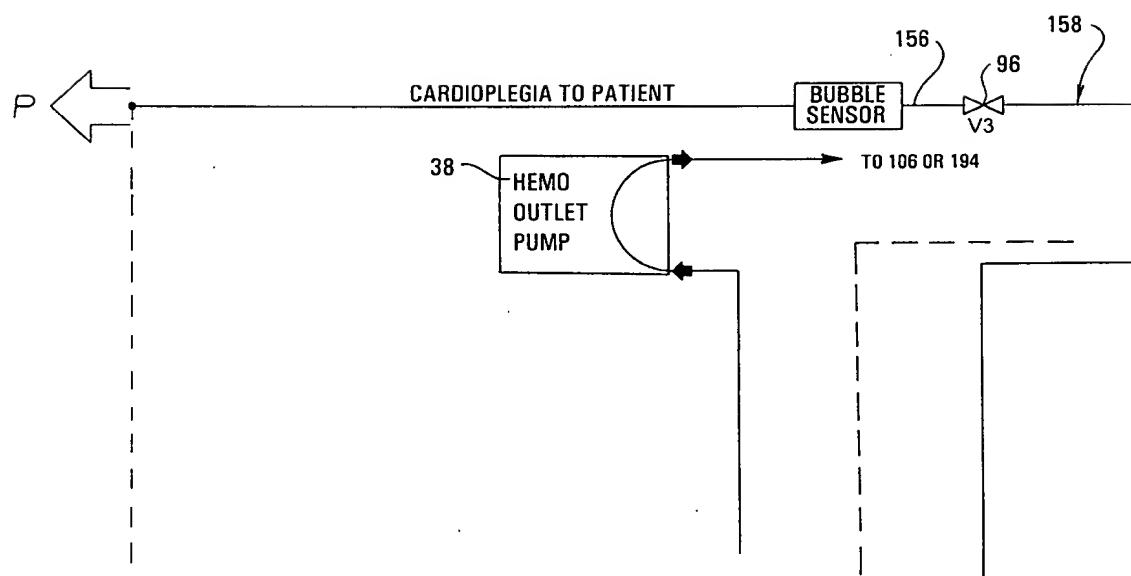


Fig. 3B-2

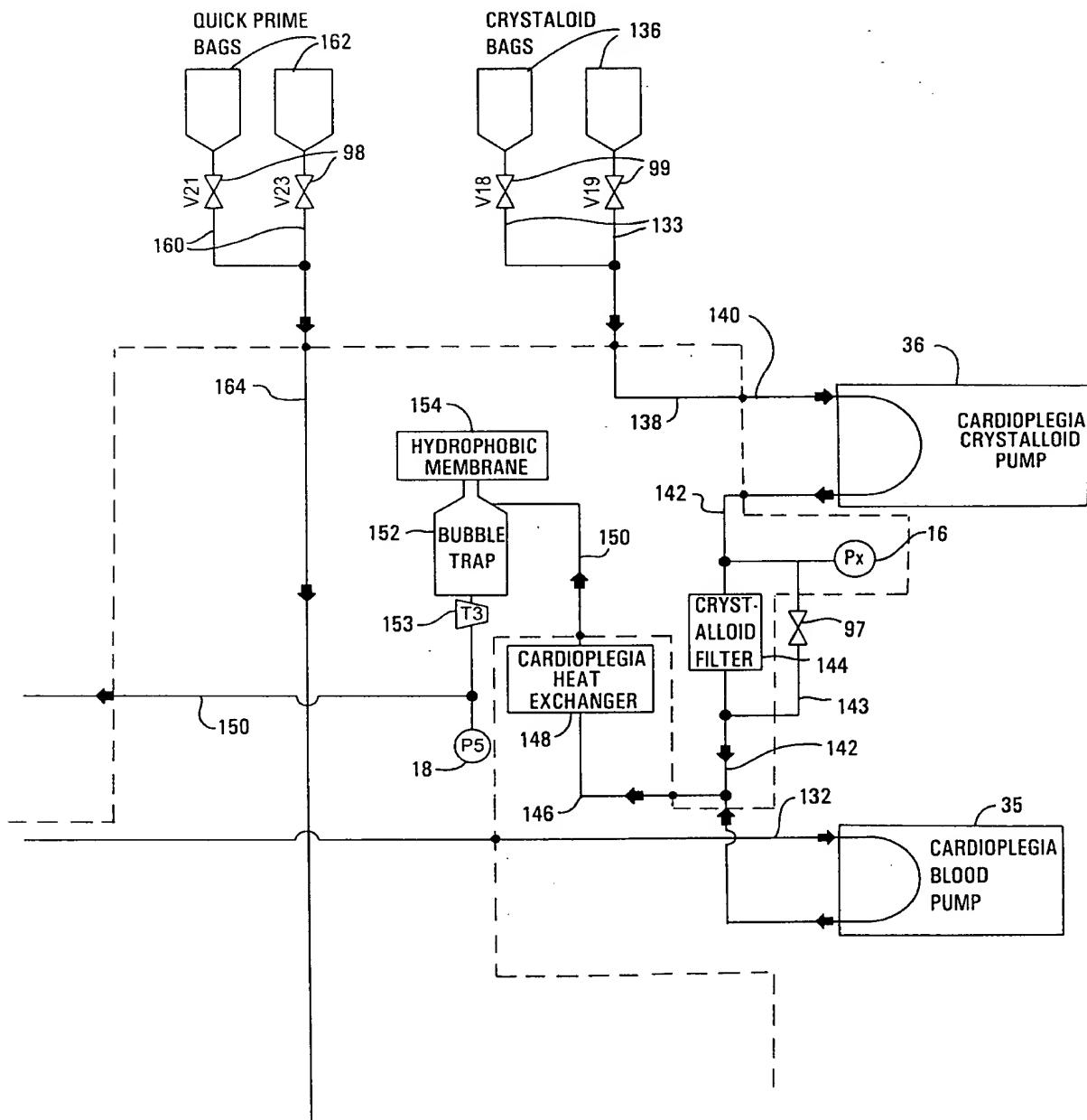


Fig.3B-3

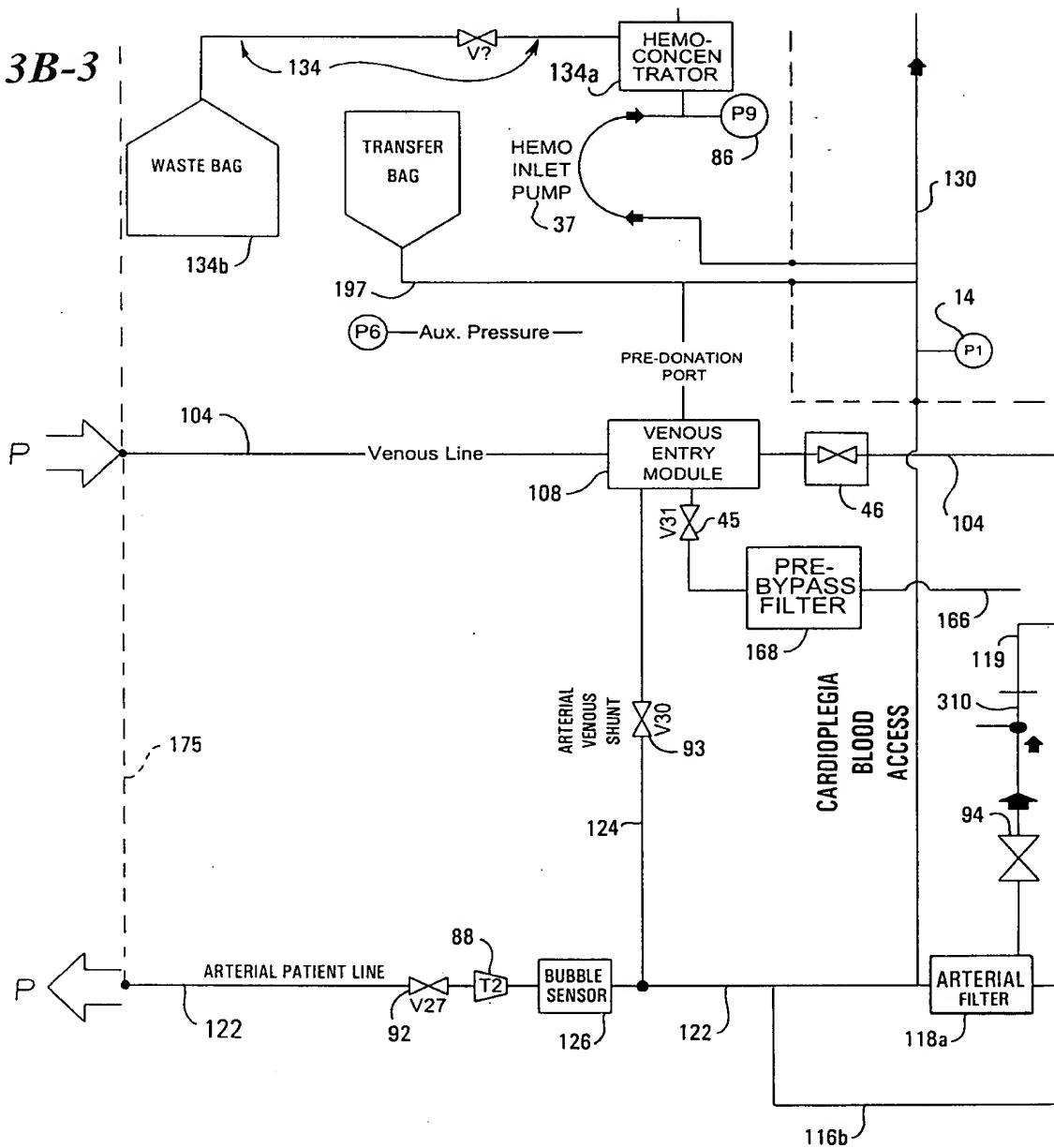
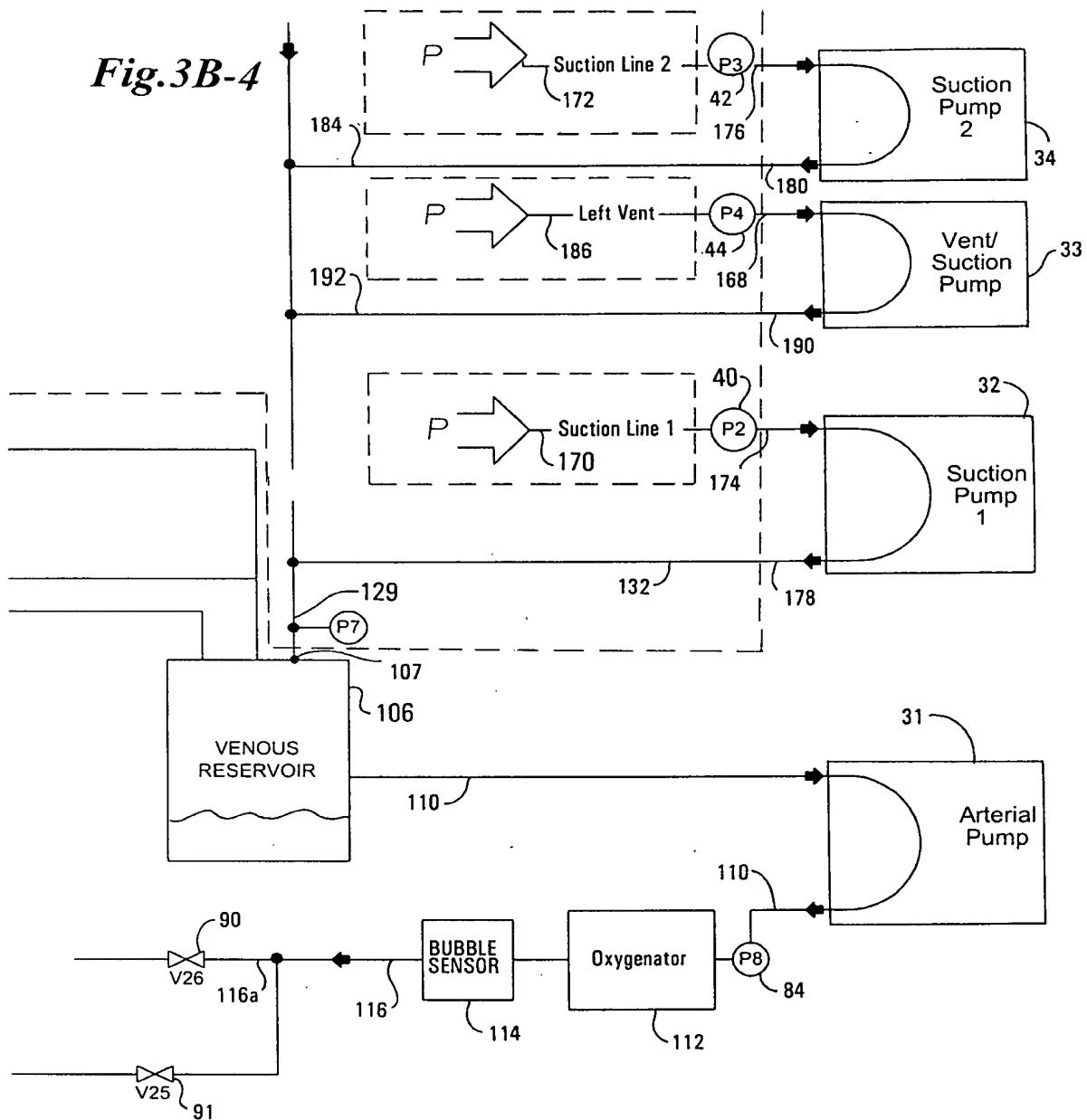


Fig. 3B-4



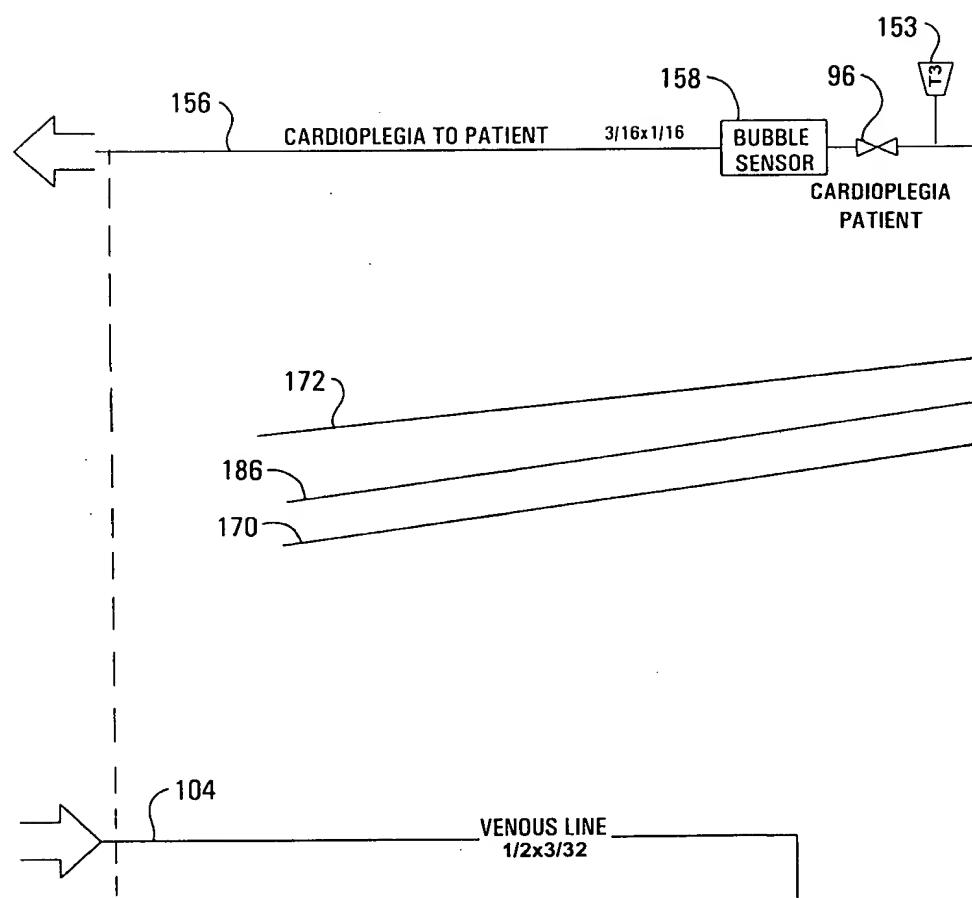
*Fig.3A-1* = STOPCOCK = AUTOMATIC  
VALVE

Fig. 3A-2

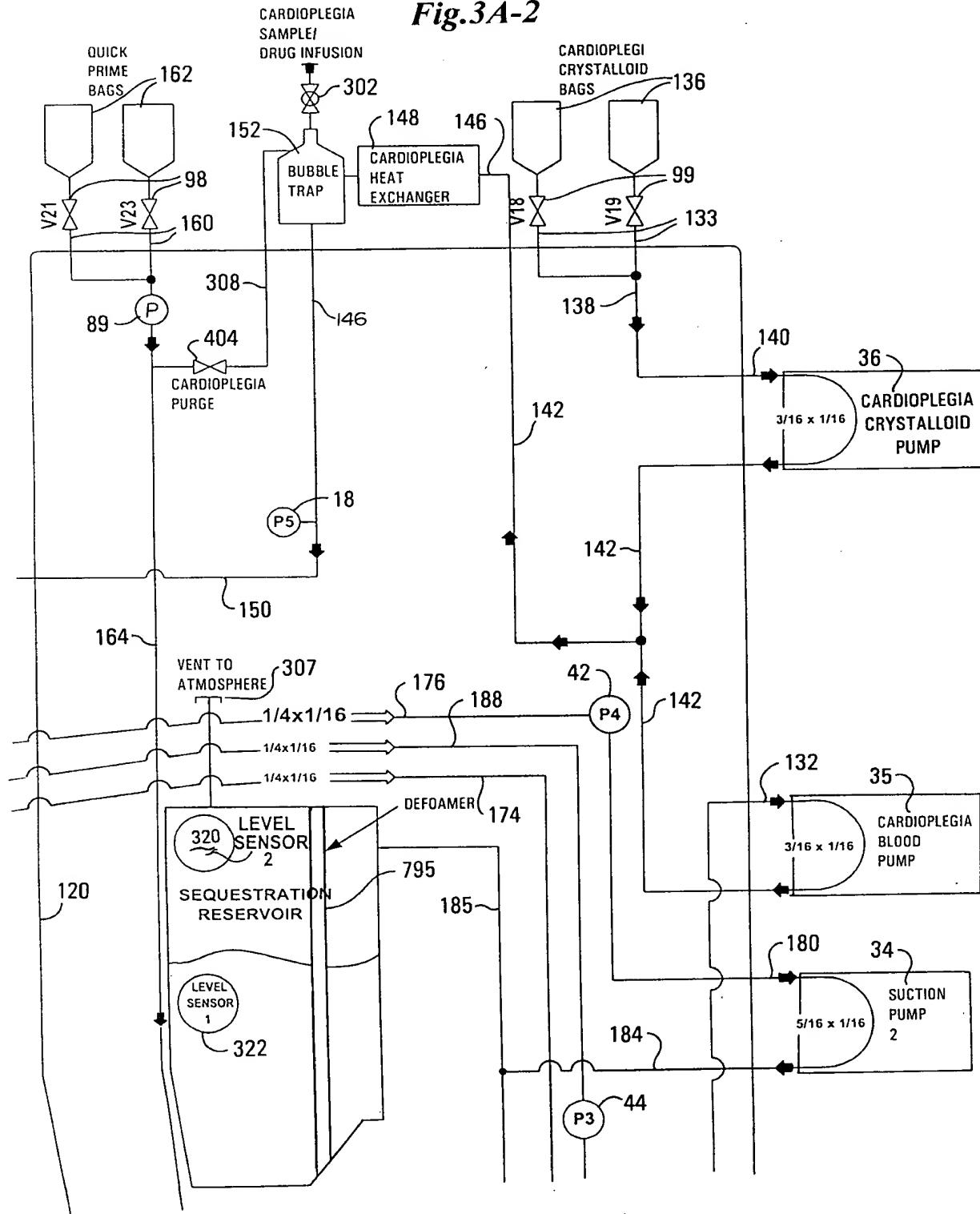


Fig.3A-3

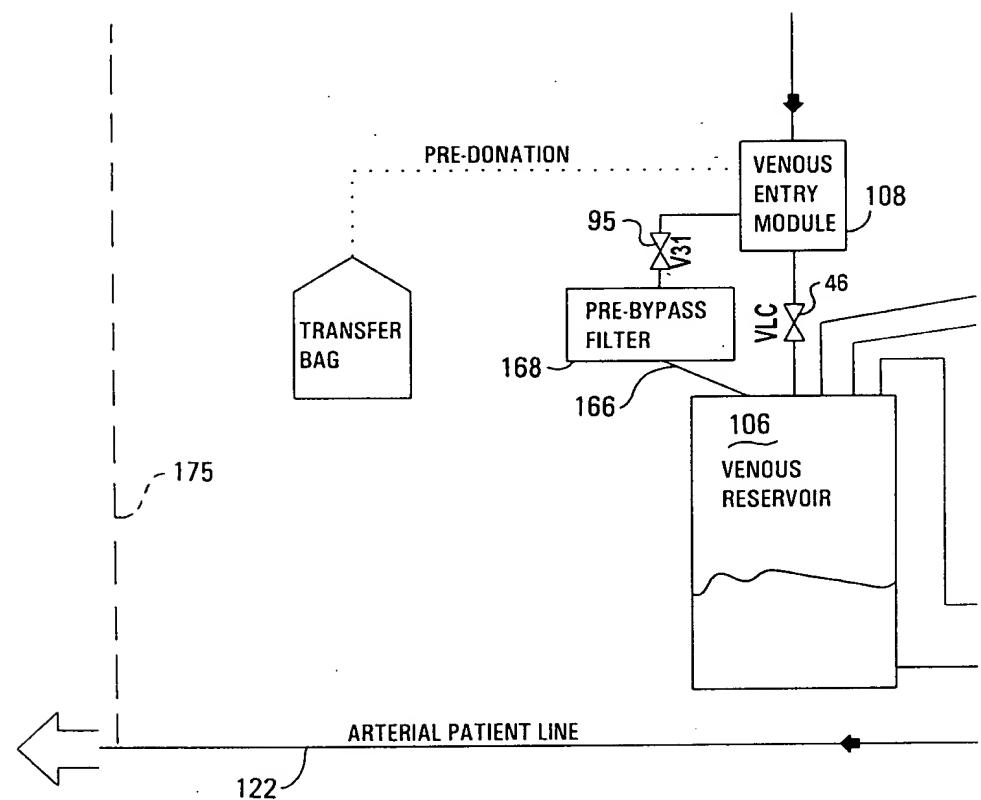
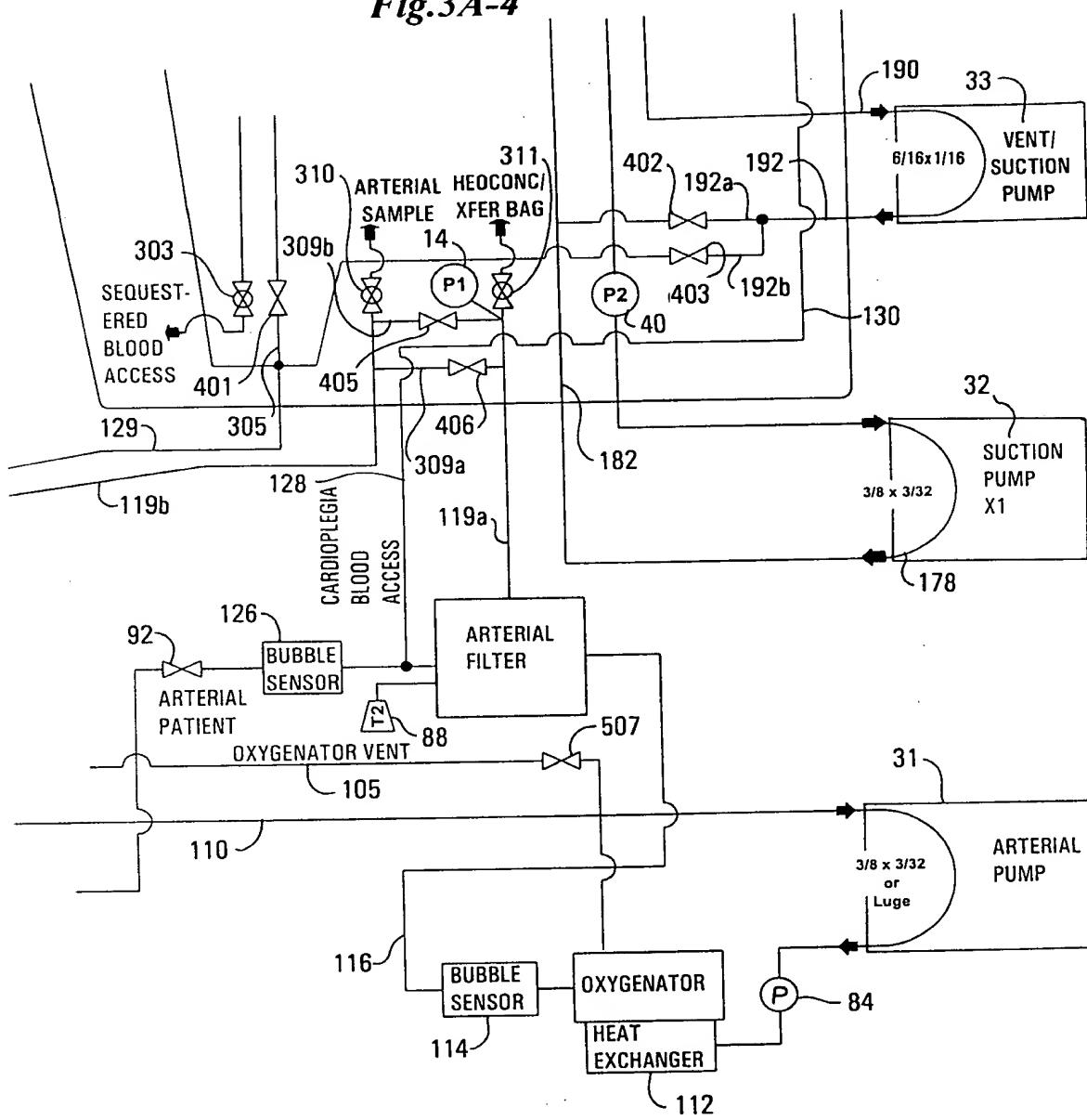
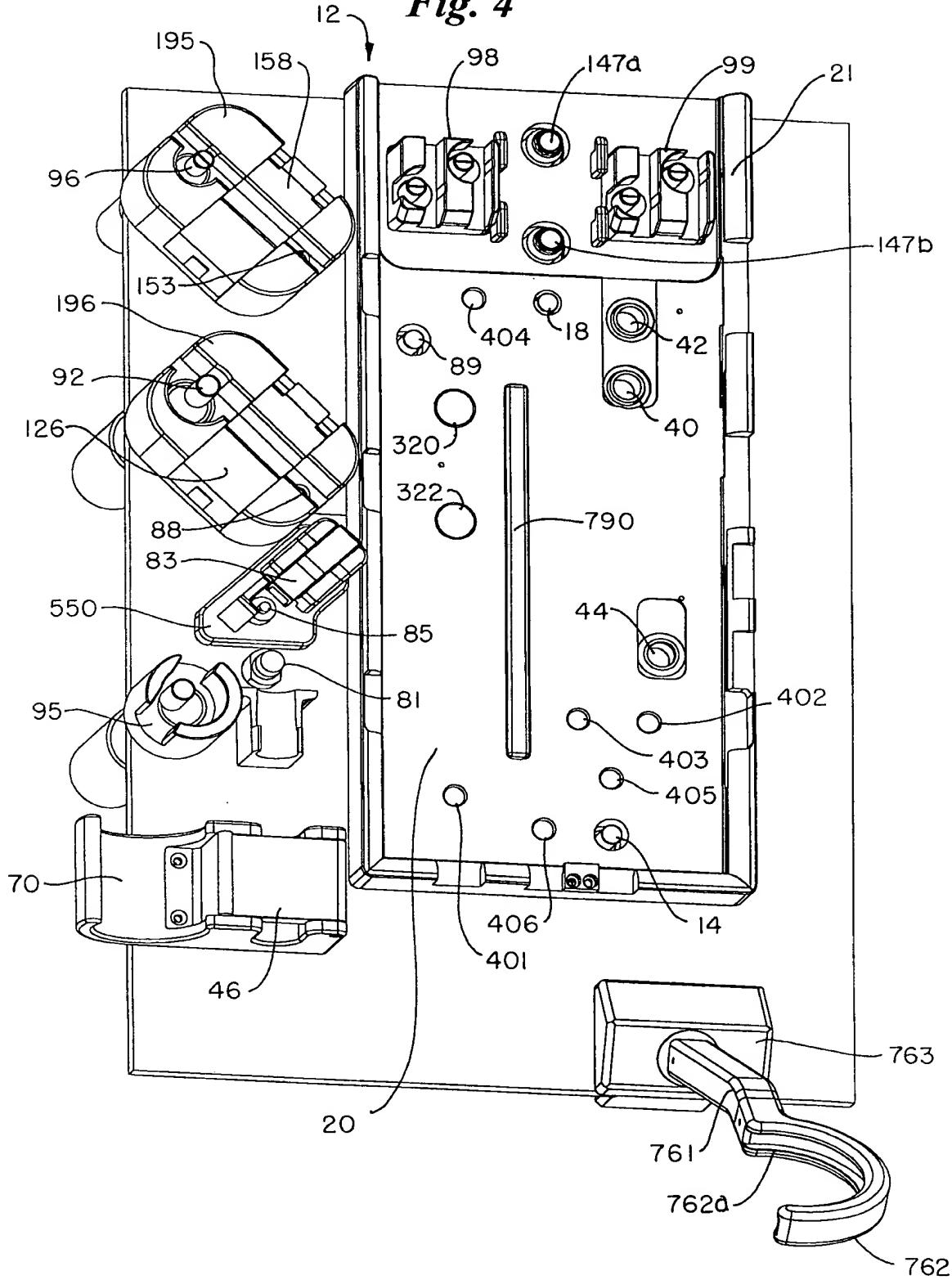


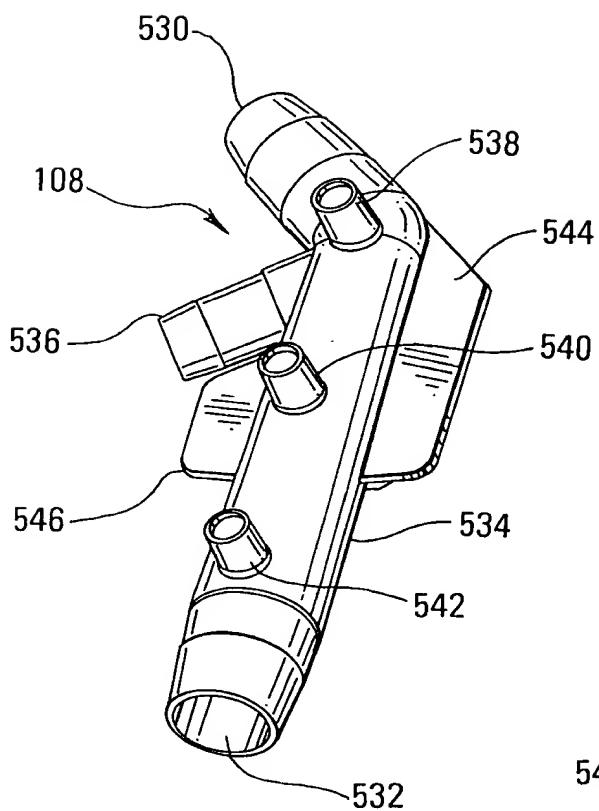
Fig.3A-4



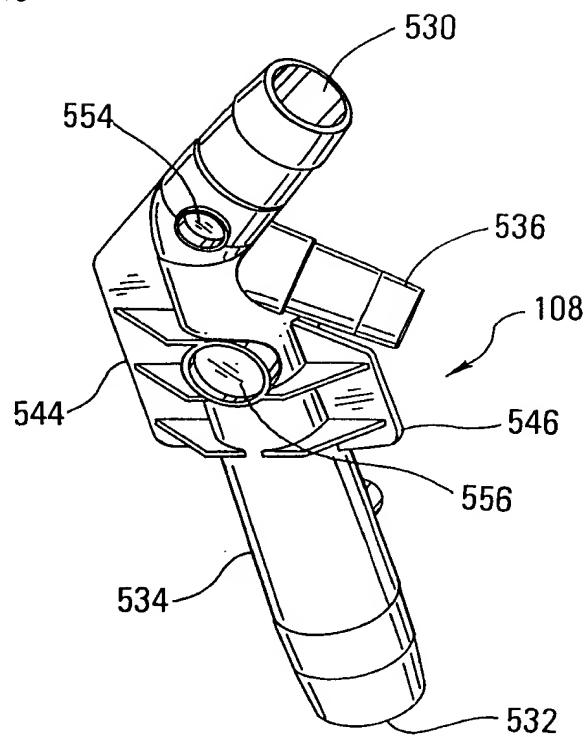
*Fig. 4*



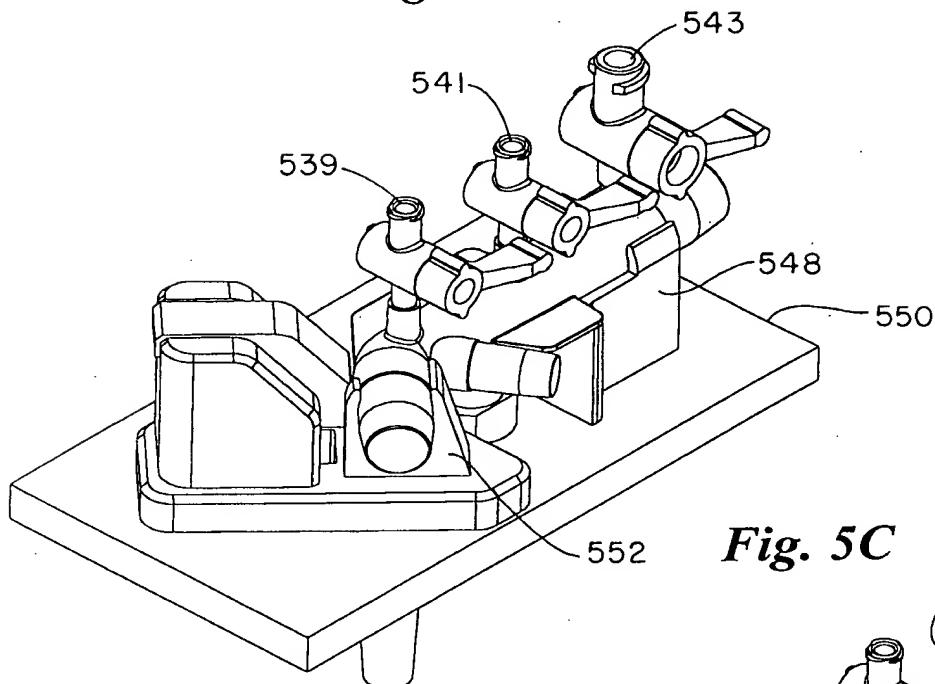
*Fig. 5A*



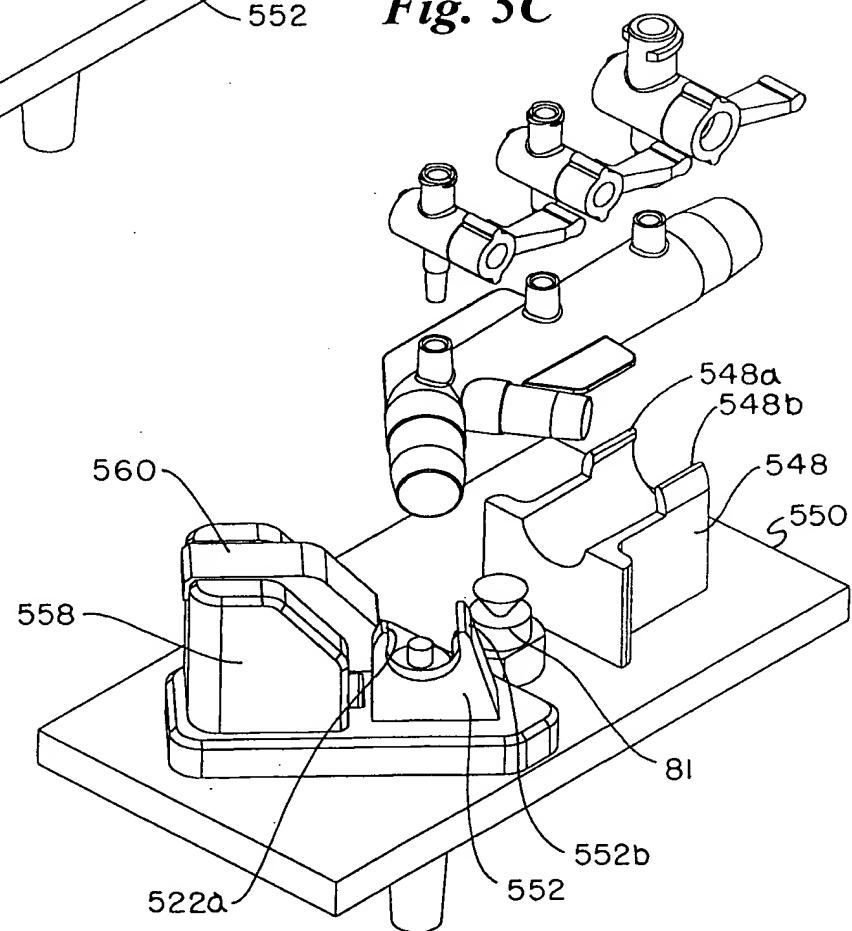
*Fig. 5B*



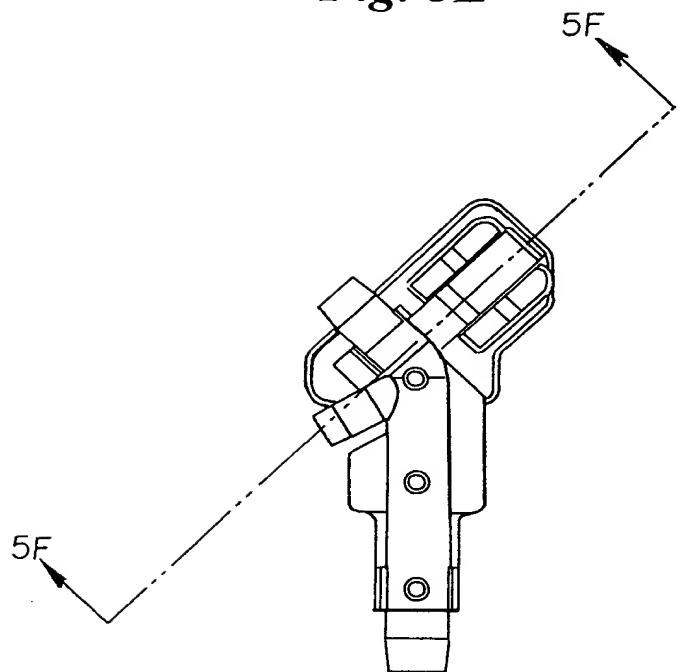
*Fig. 5D*



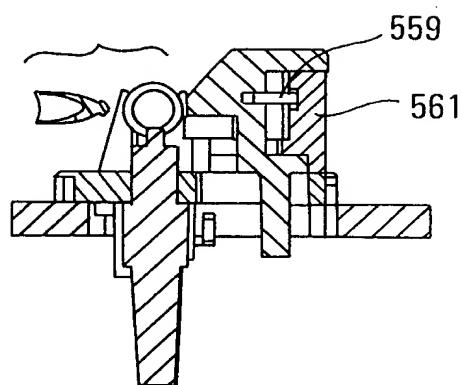
*Fig. 5C*



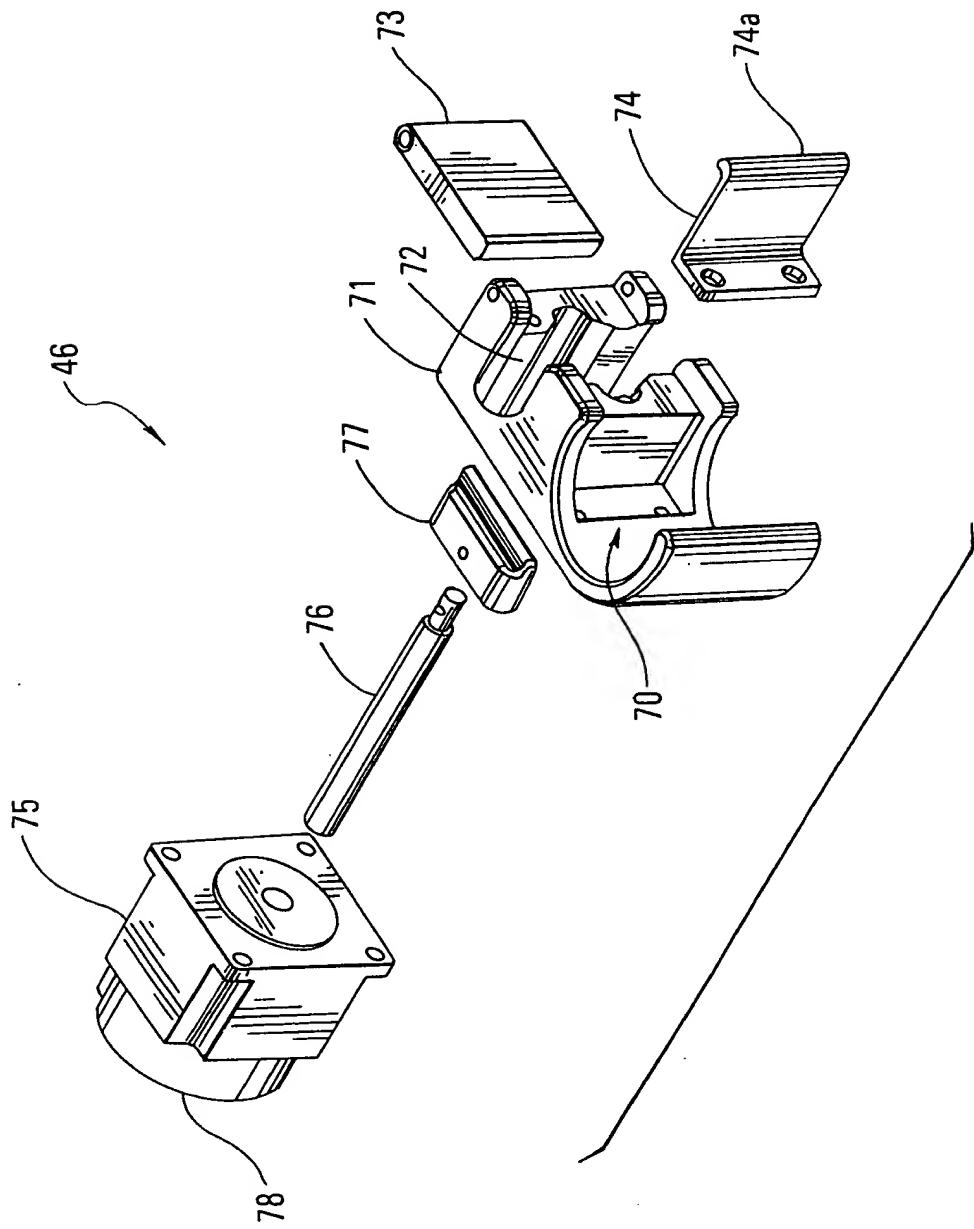
***Fig. 5E***



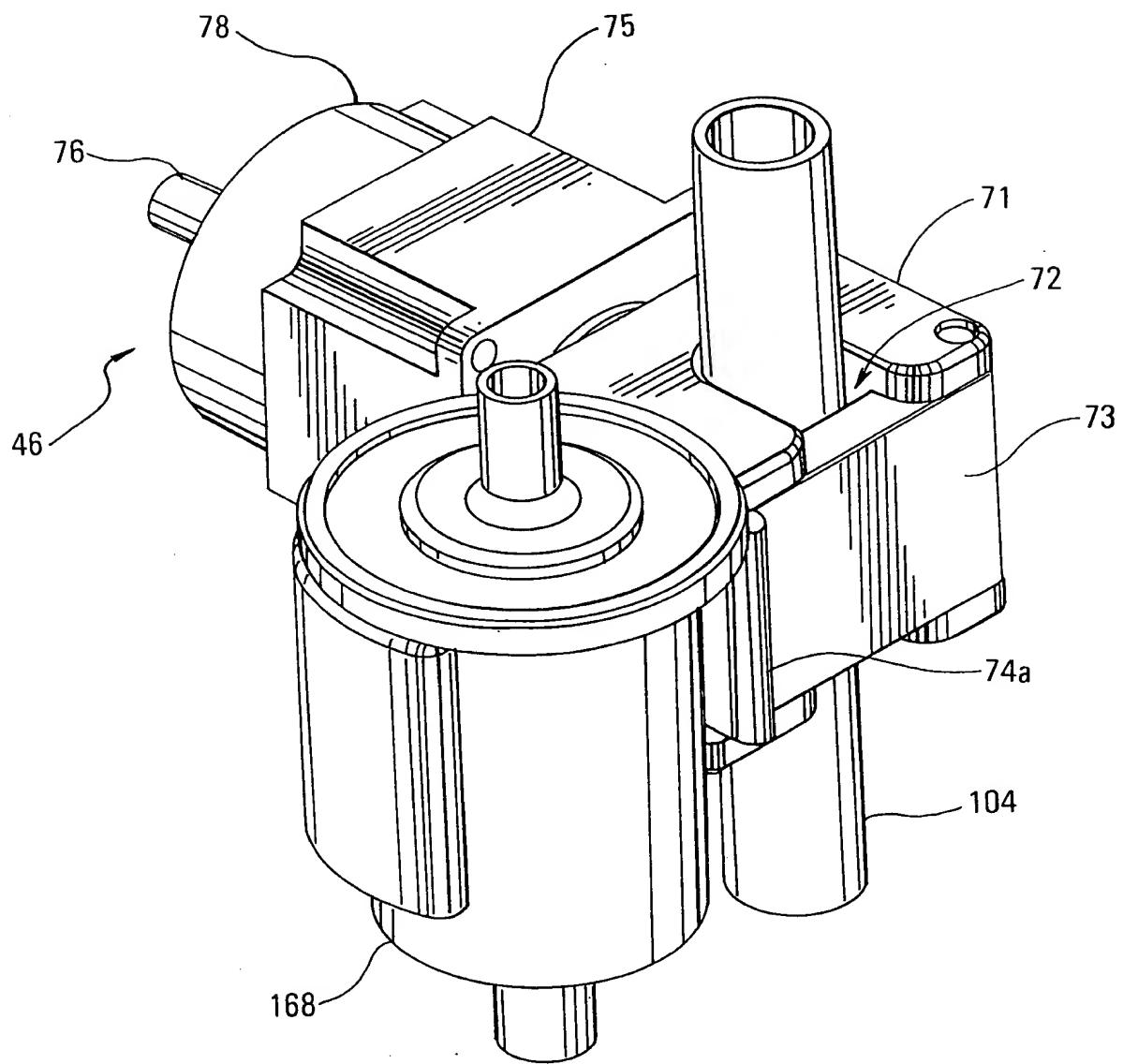
***Fig. 5F***



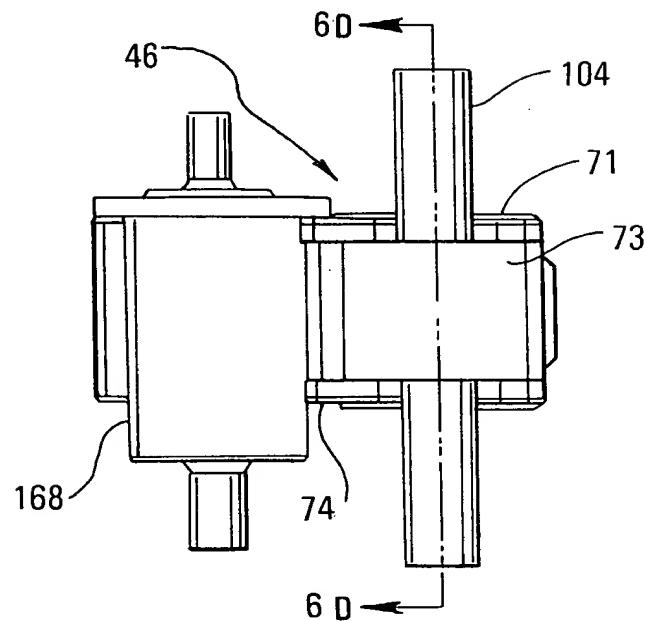
*Fig. 6A*



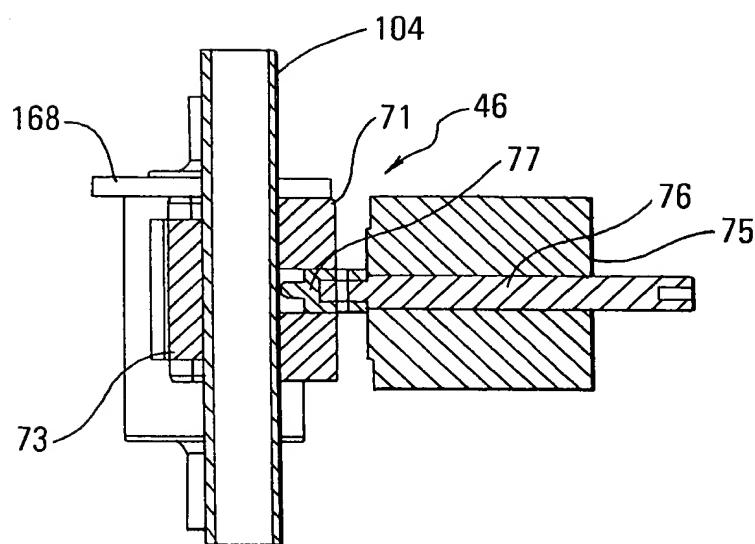
*Fig. 6B*



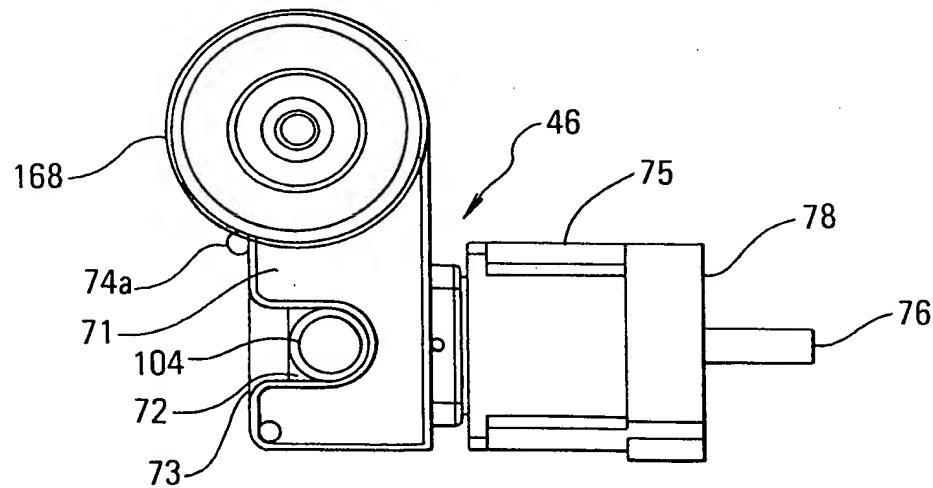
*Fig. 6C*



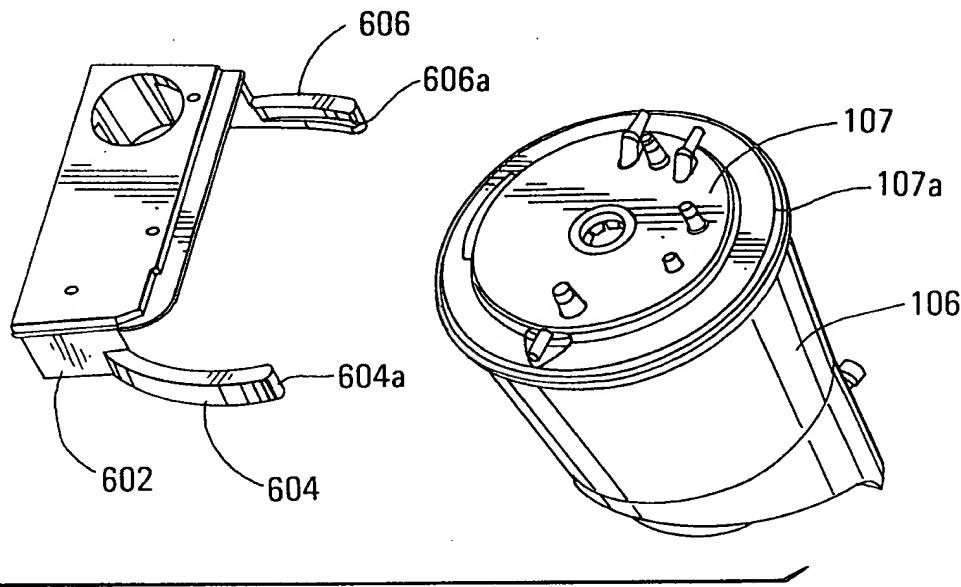
*Fig. 6D*



*Fig. 6E*



*Fig. 7A*



*Fig. 7B*

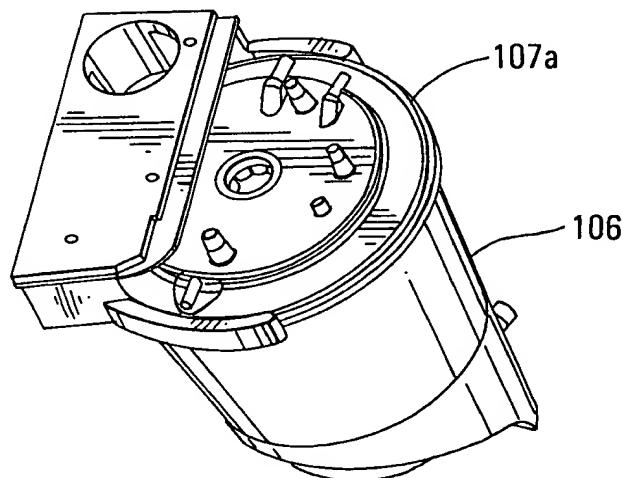
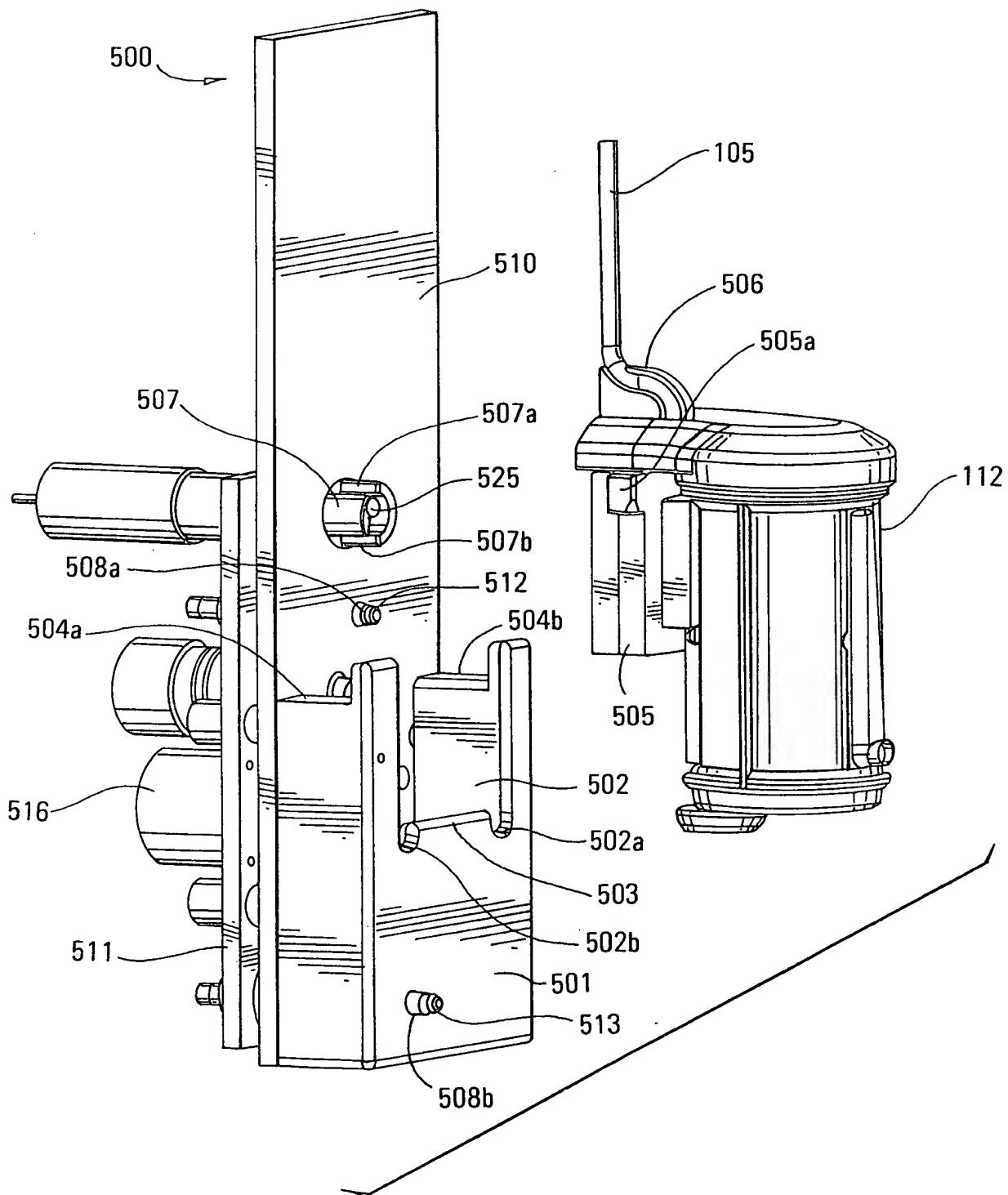


Fig. 8A



*Fig. 8B*

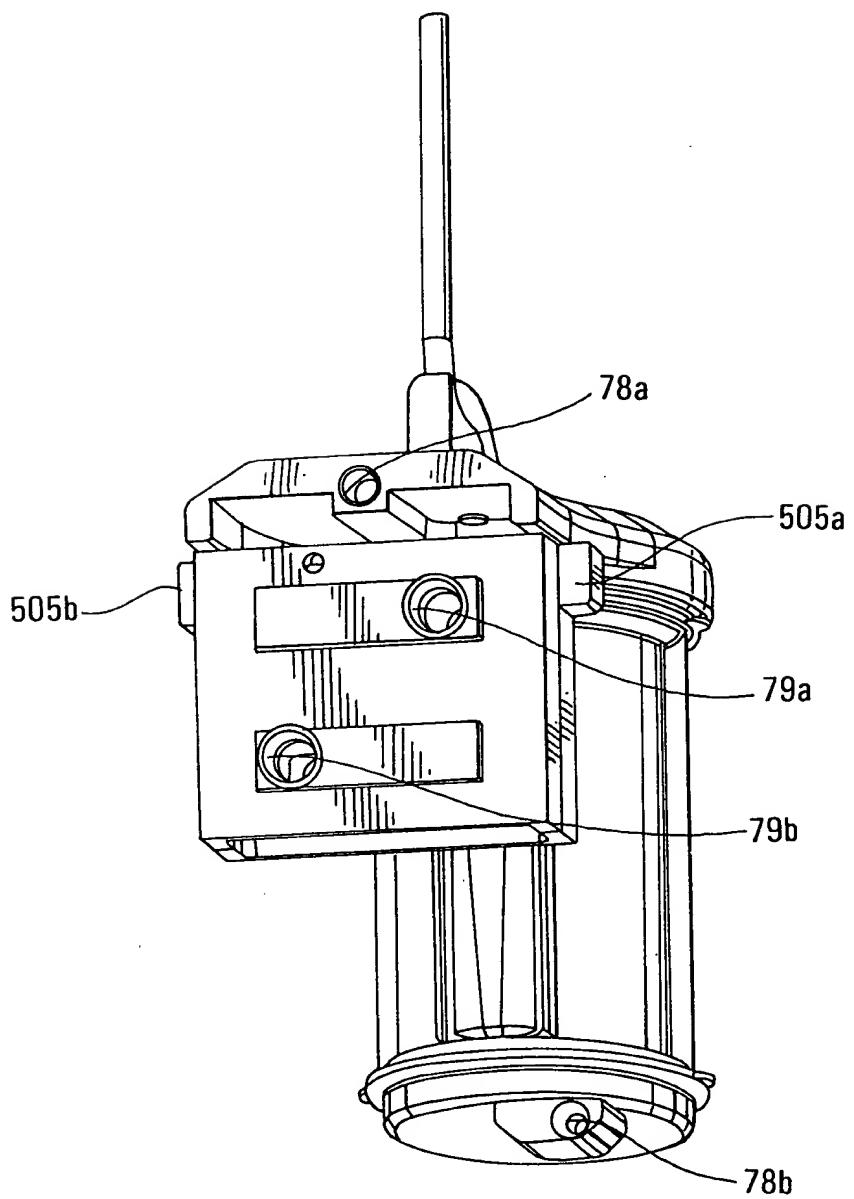


Fig. 8C

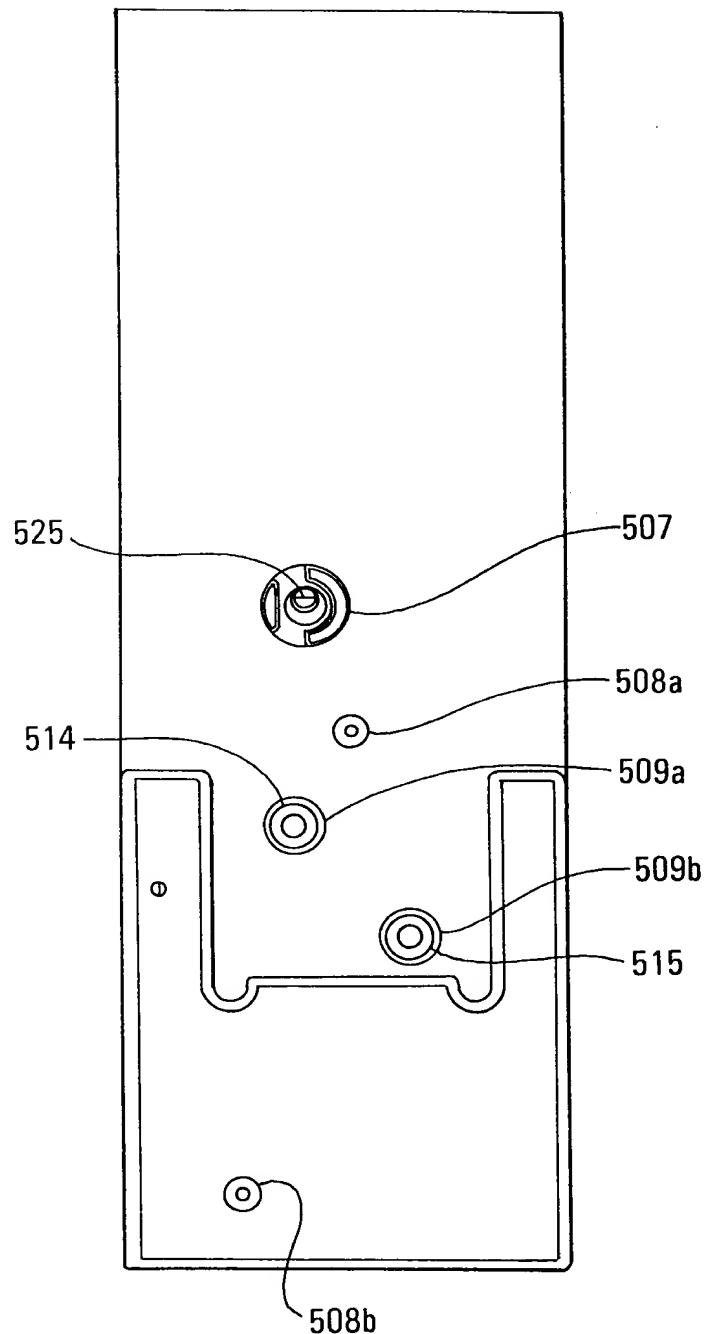
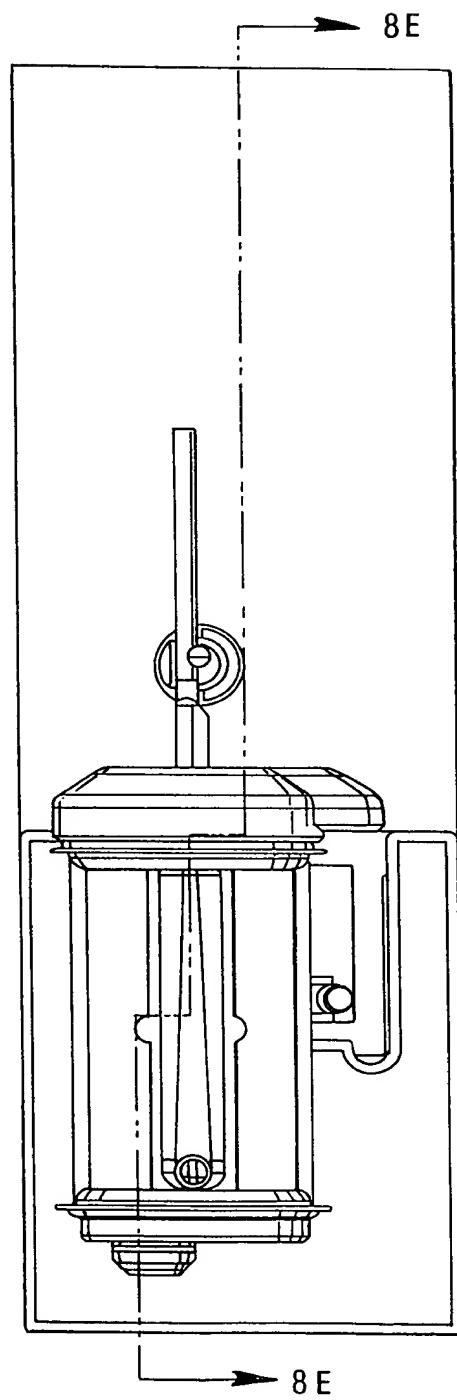
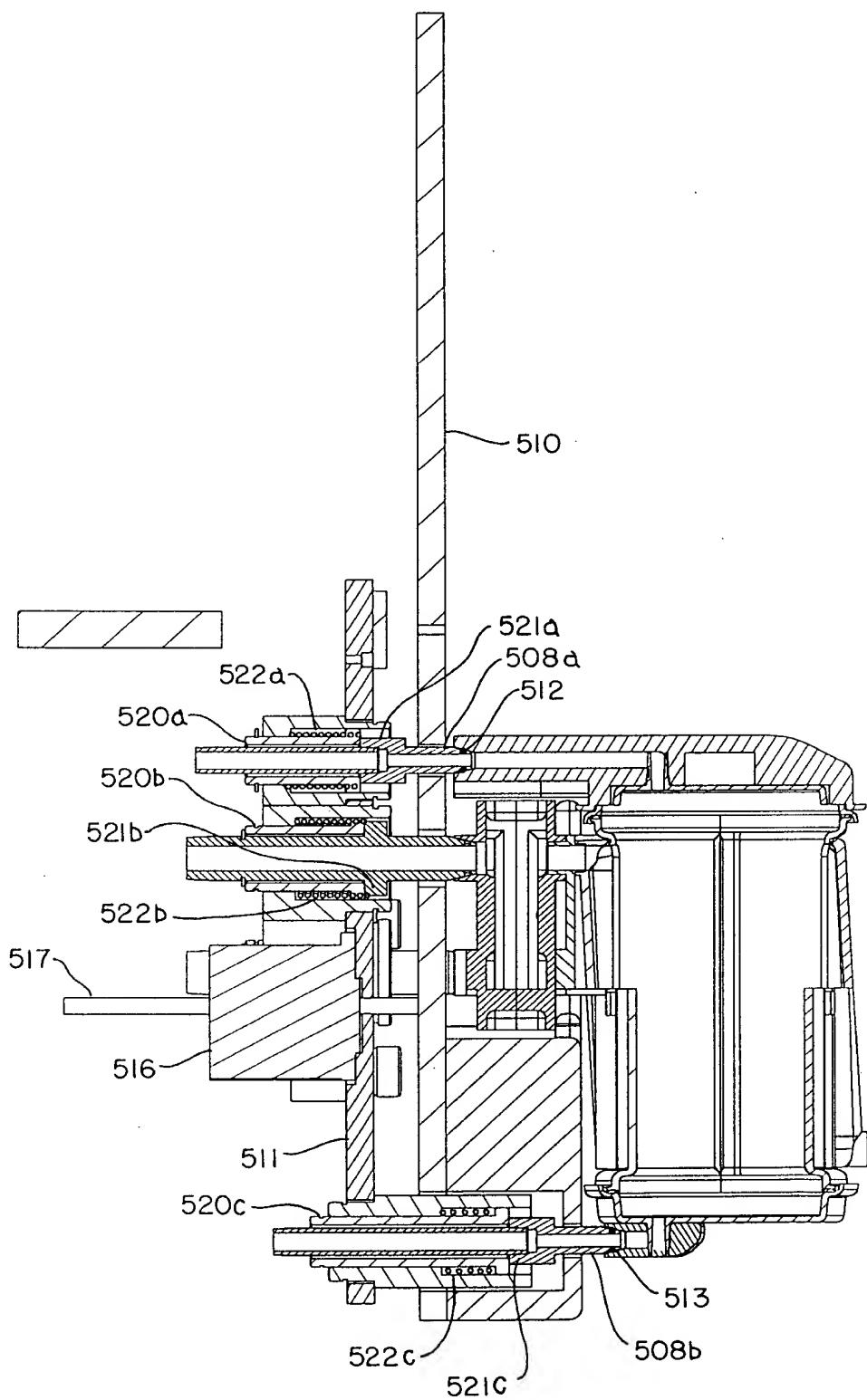


Fig. 8D



*Fig. 8E*



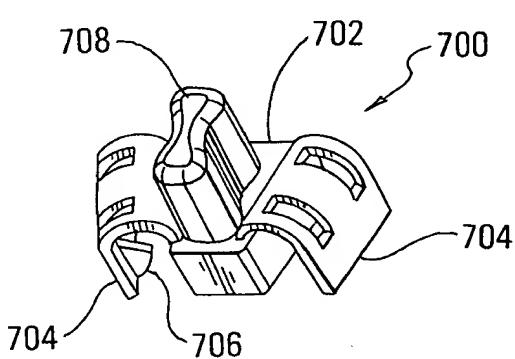
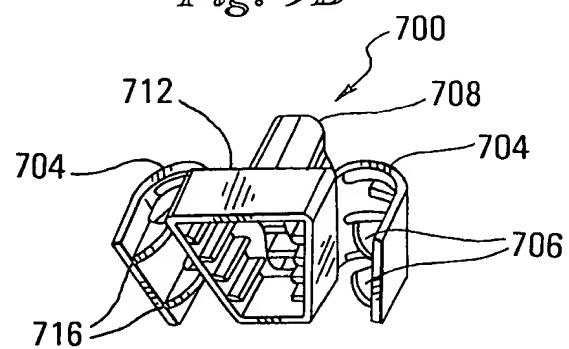
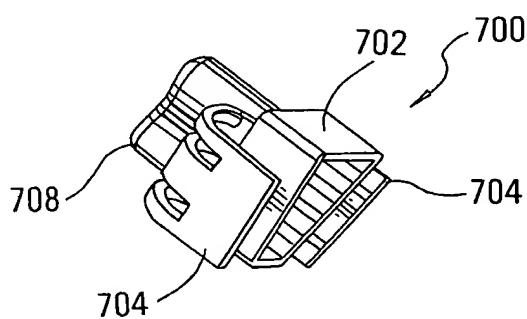
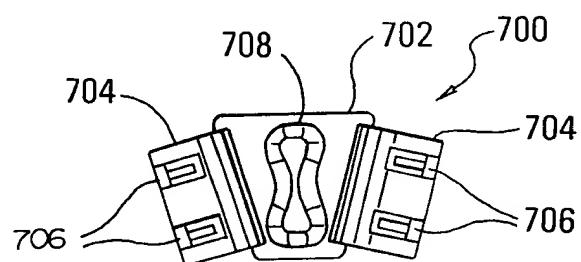
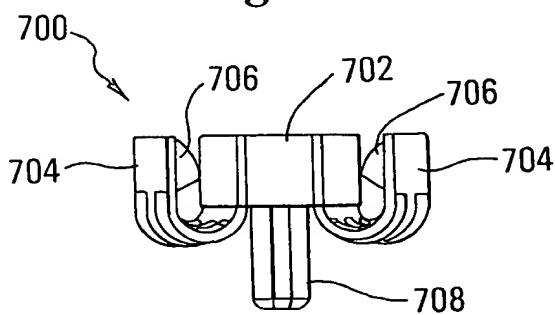
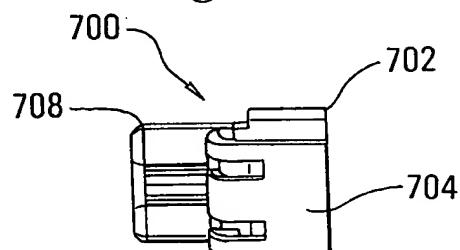
*Fig. 9A**Fig. 9B**Fig. 9C**Fig. 9D**Fig. 9E**Fig. 9F*

Fig. 10A

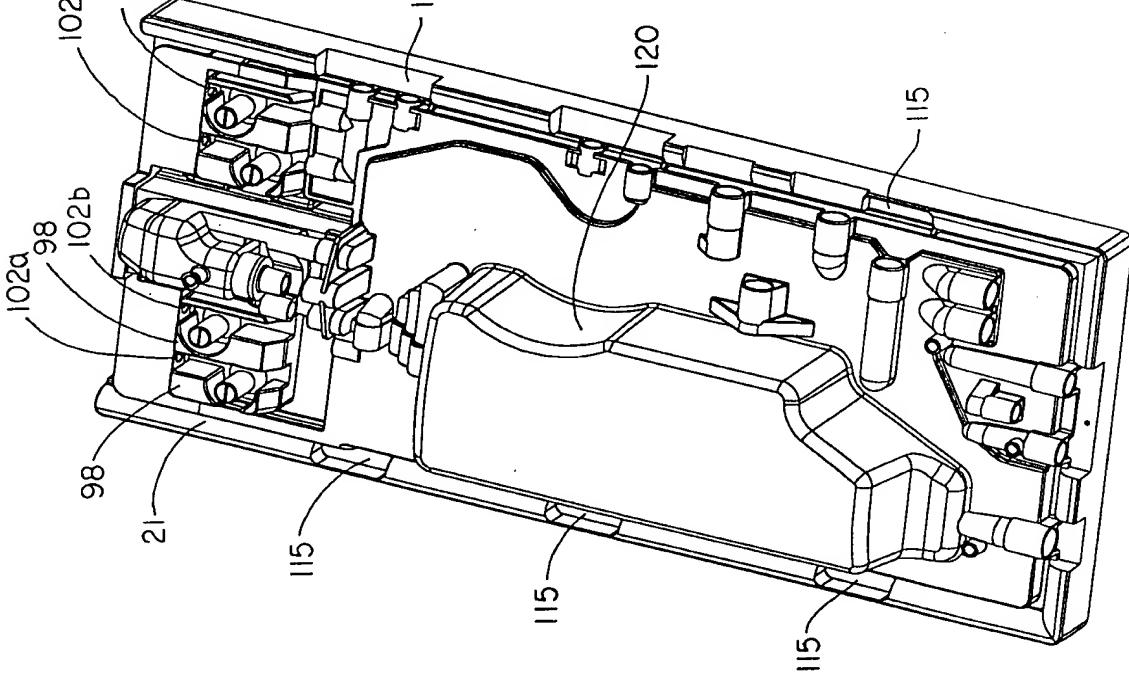
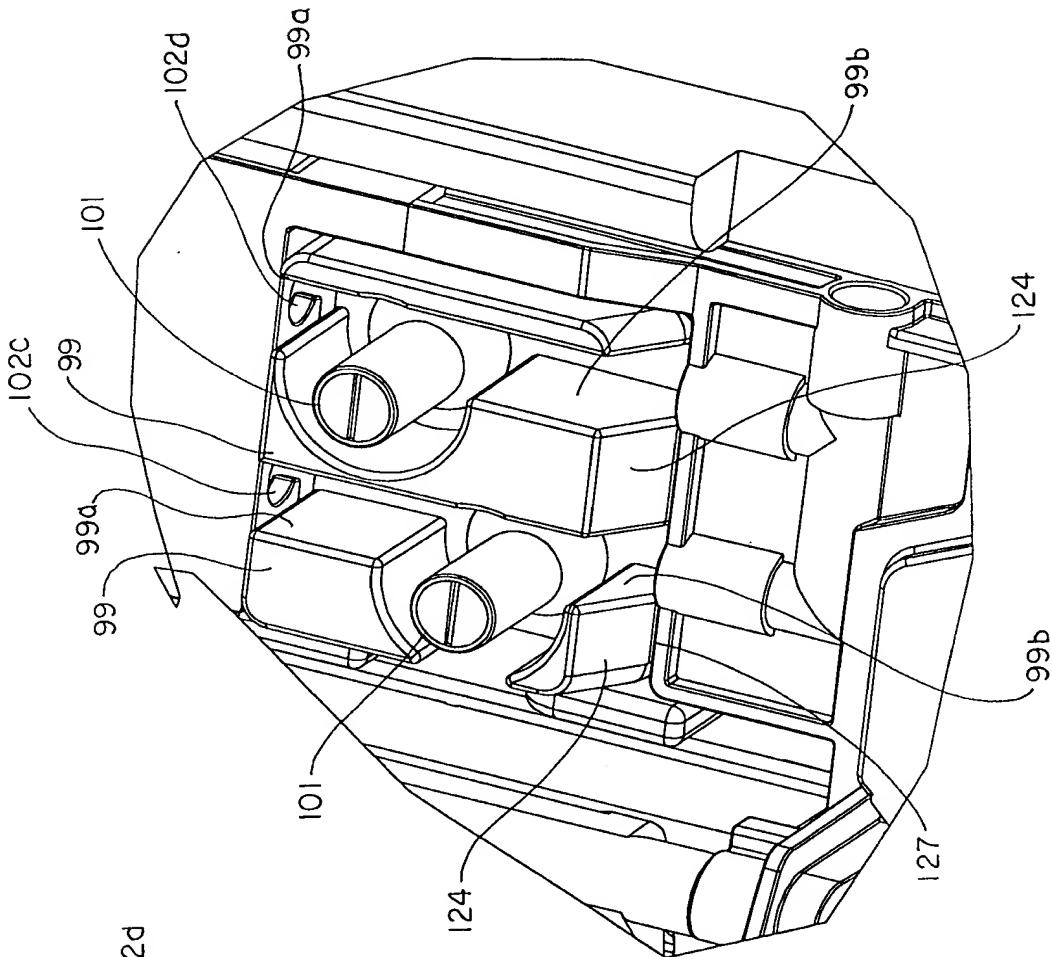


Fig. 10B



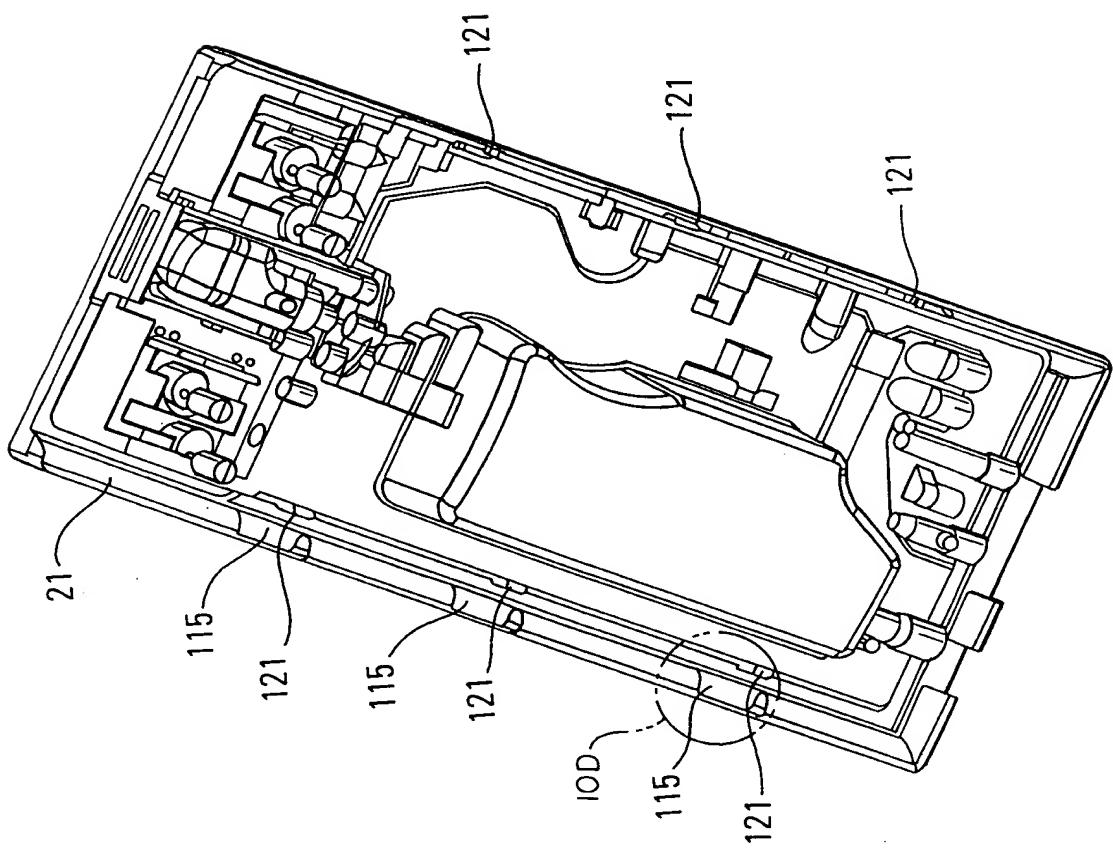
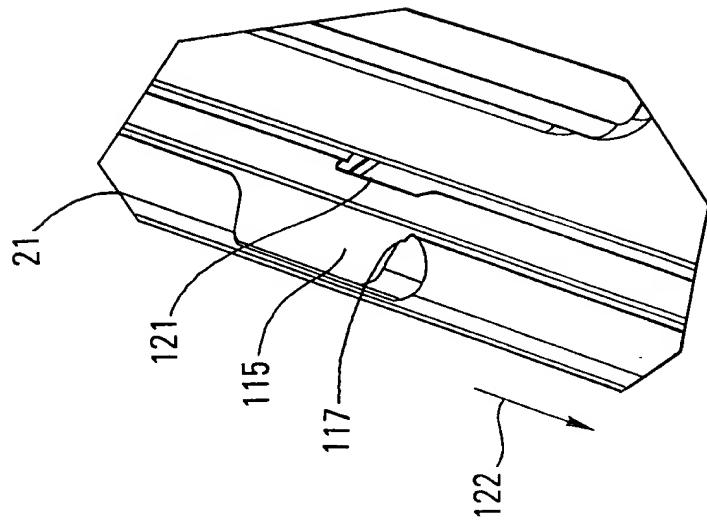
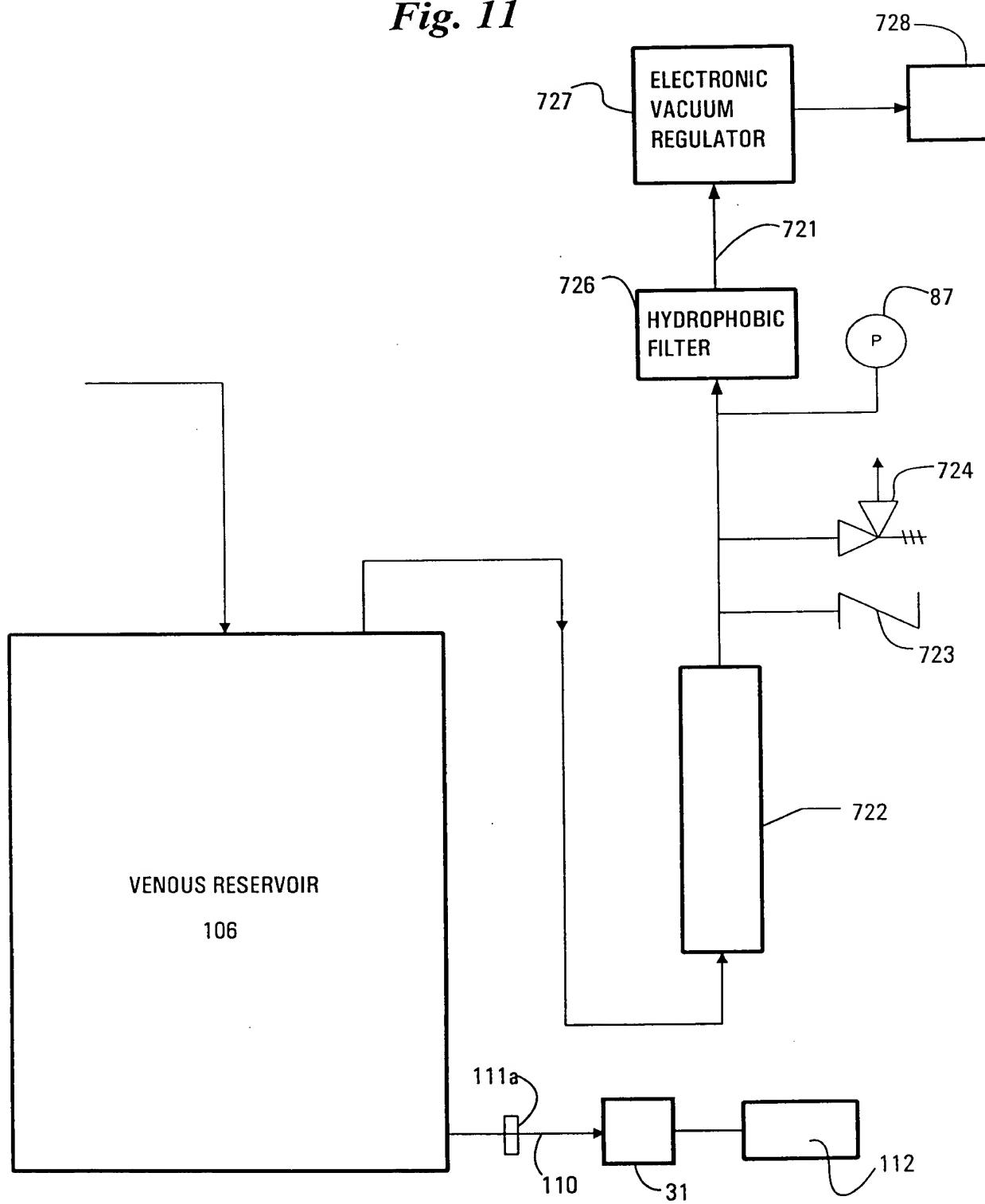
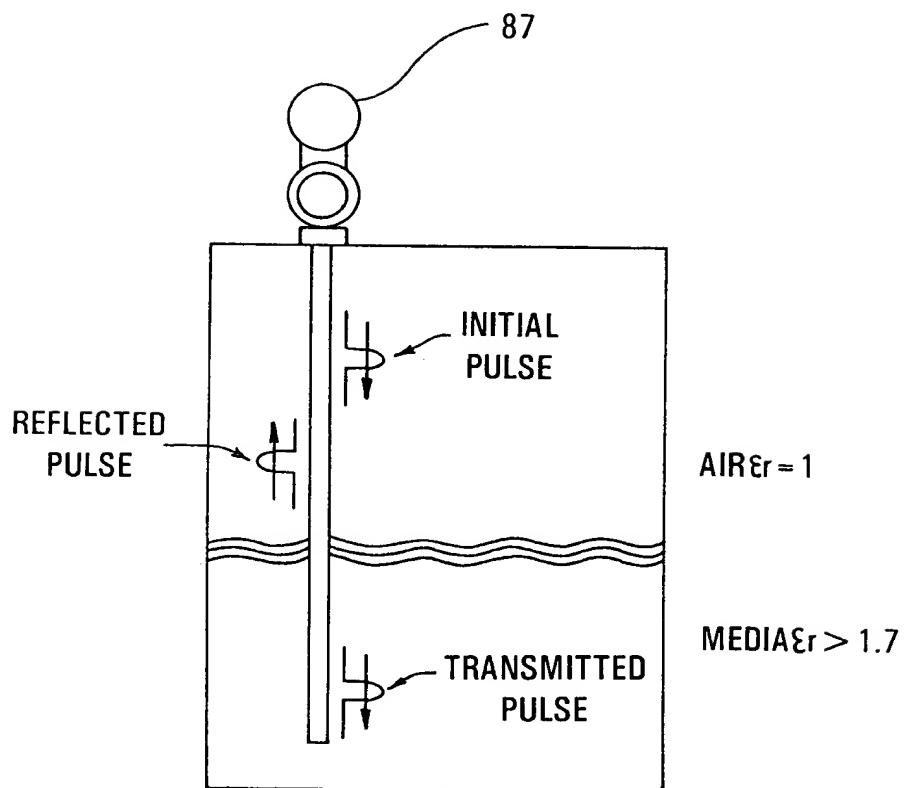
*Fig. 10C**Fig. 10D*

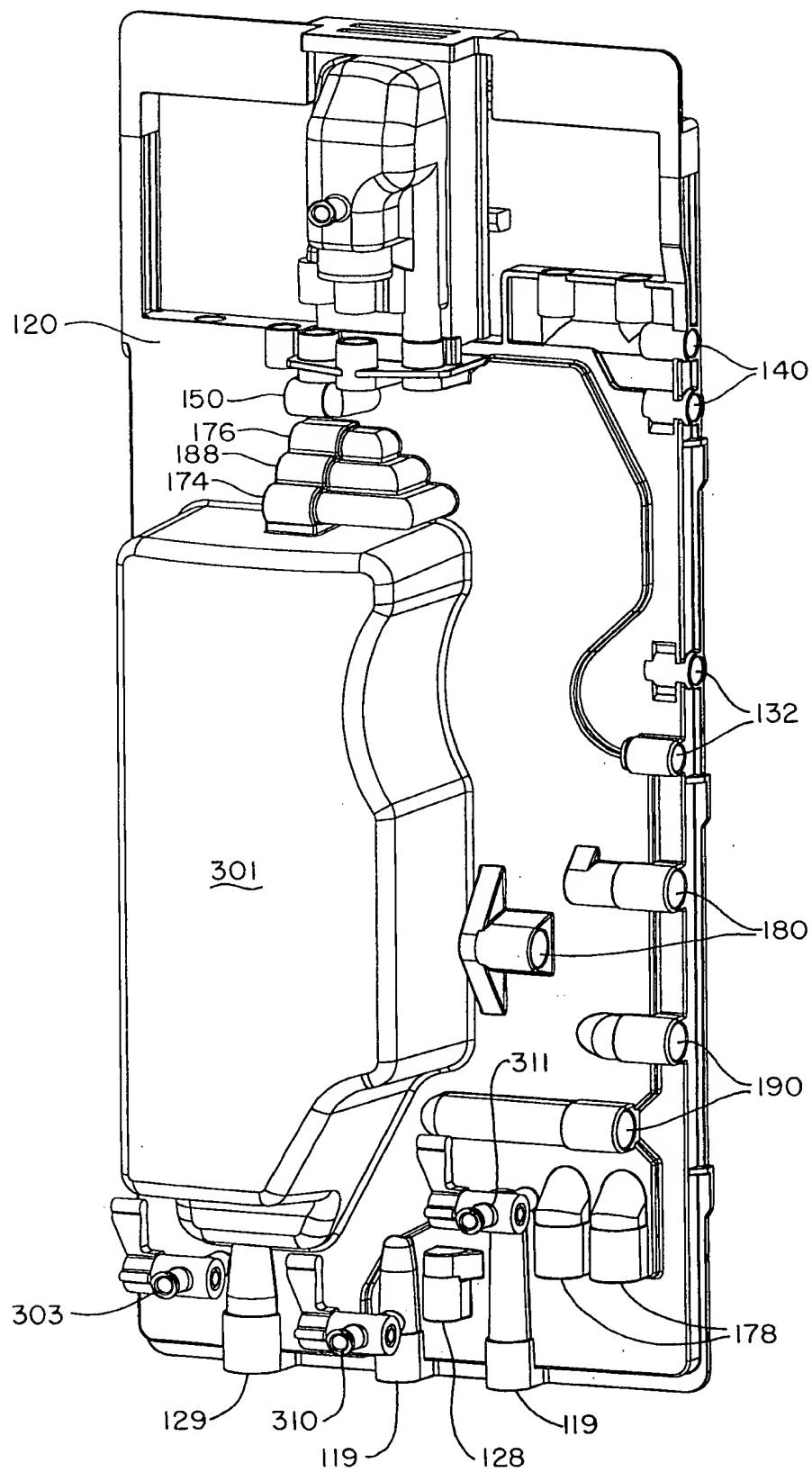
Fig. 11



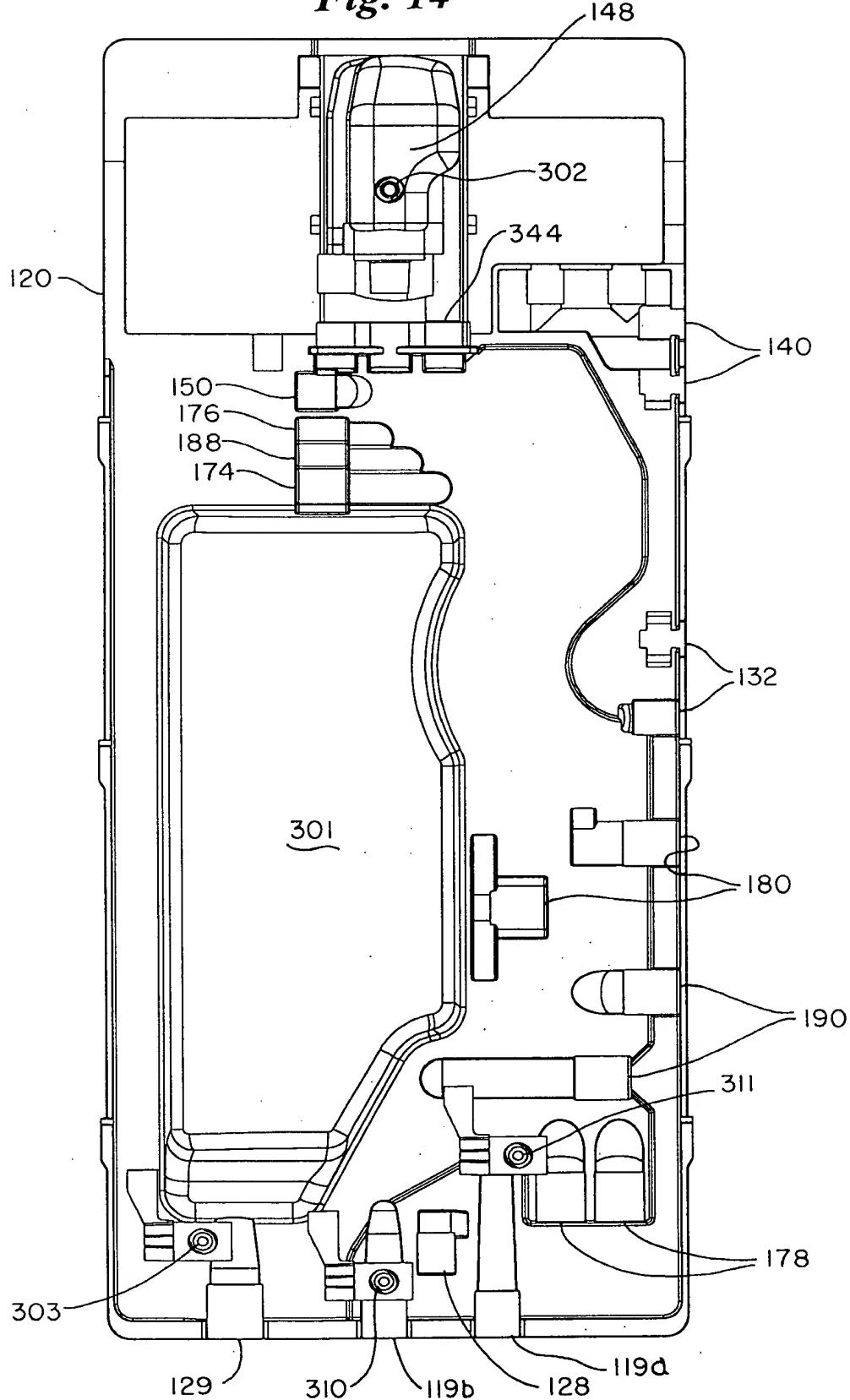
*Fig. 12*



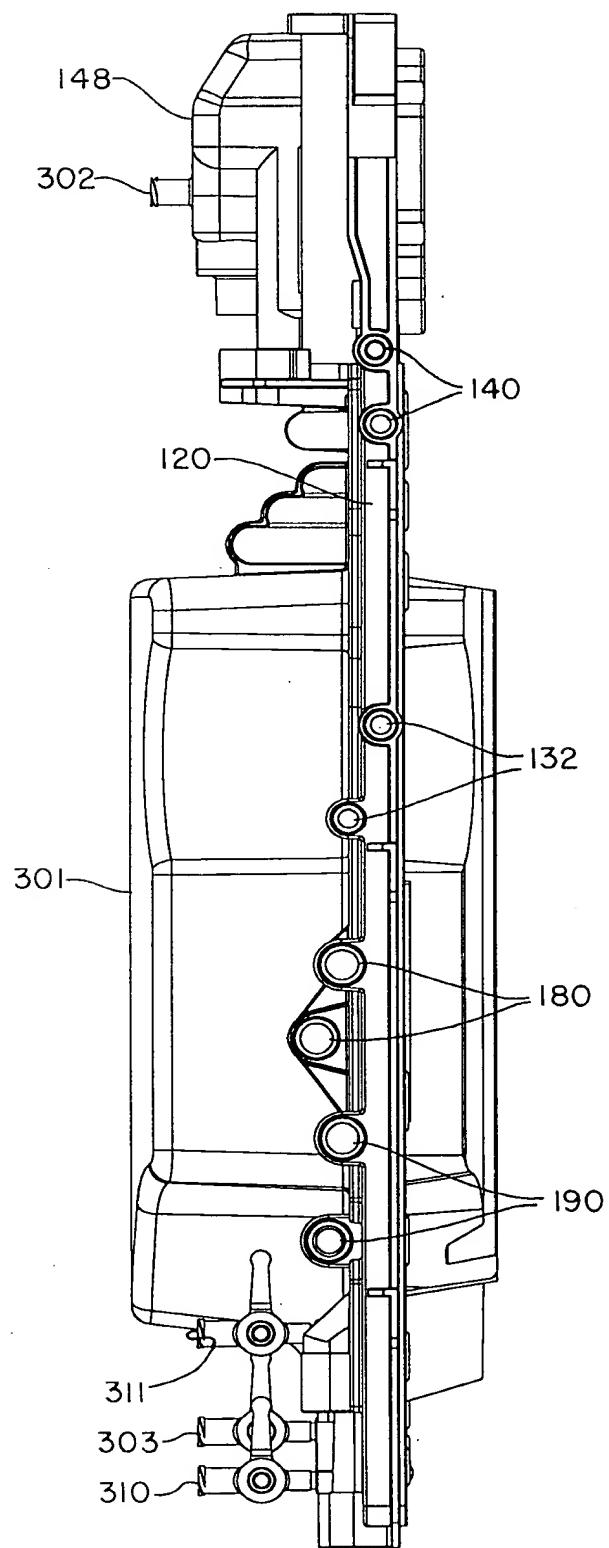
*Fig. 13*



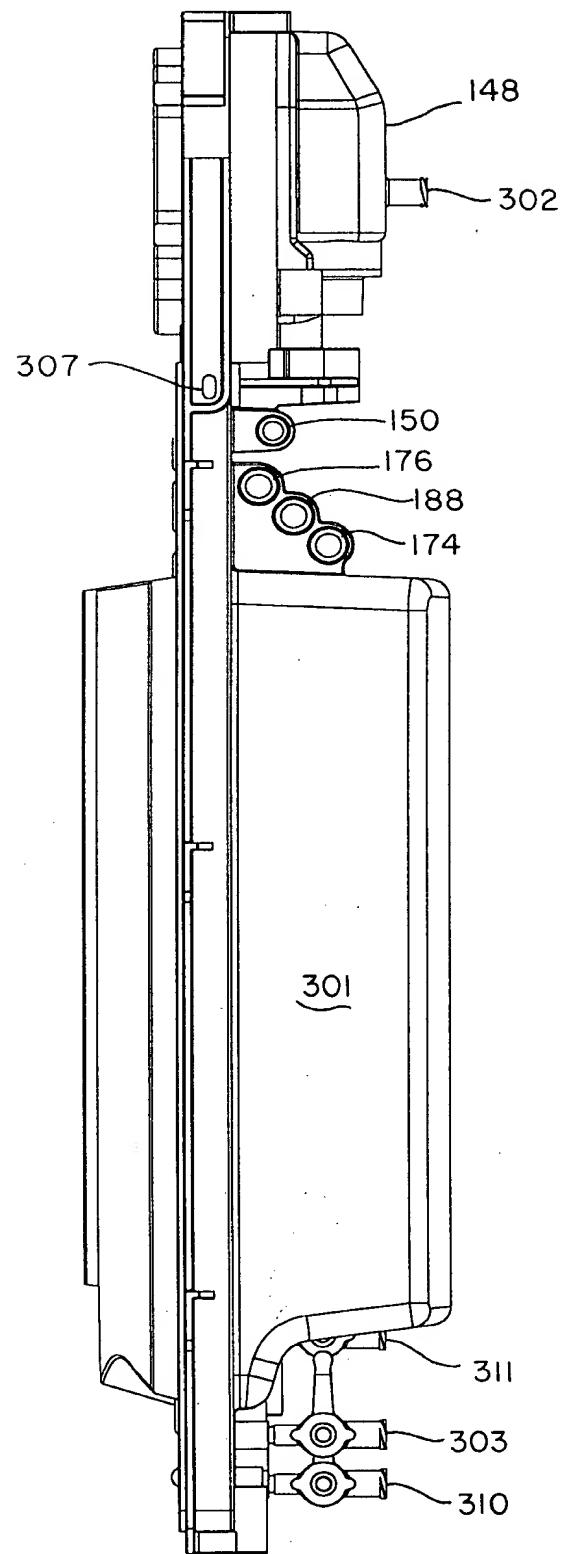
*Fig. 14*



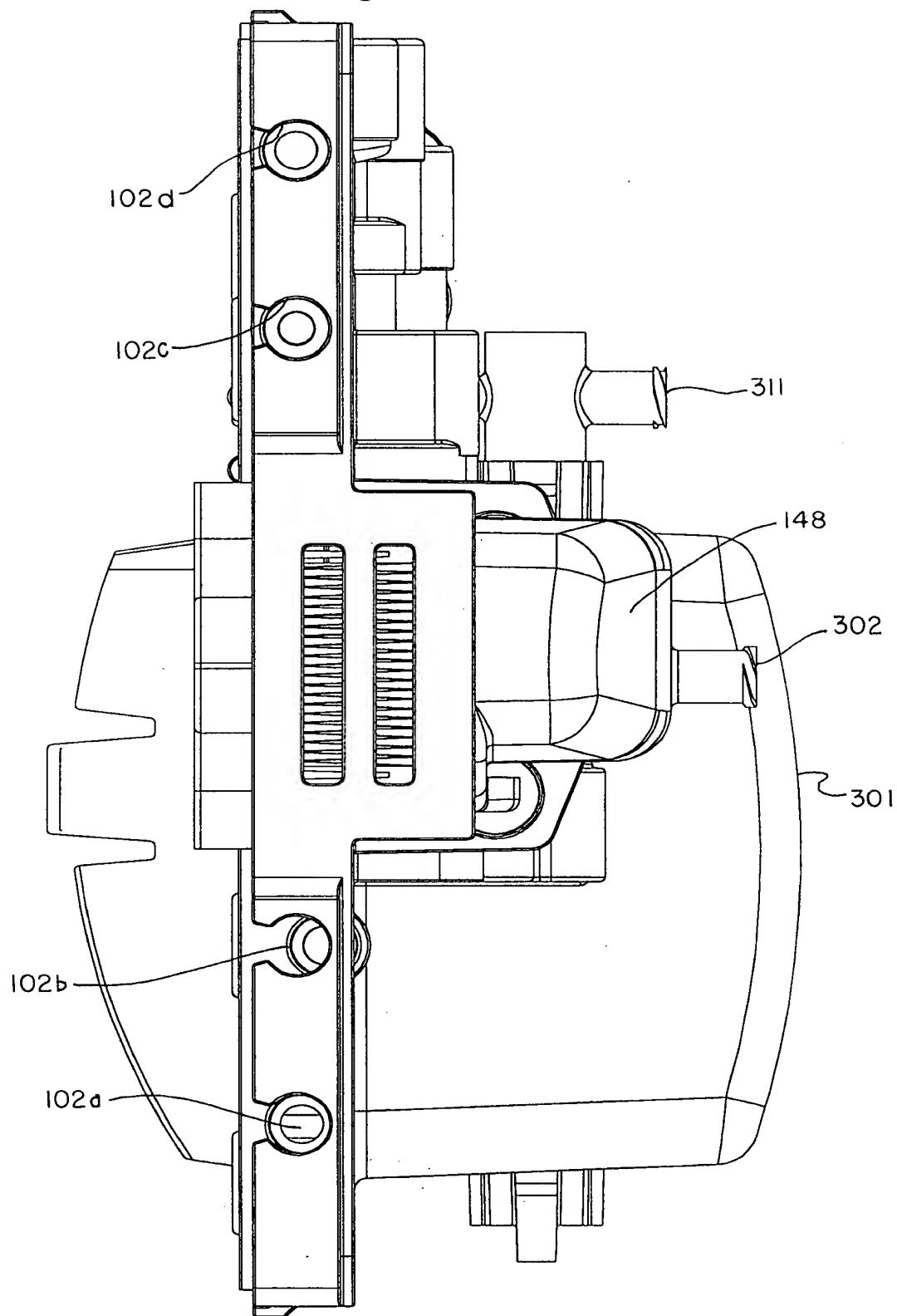
*Fig. 15*



*Fig. 16*



*Fig. 17*



*Fig. 18*

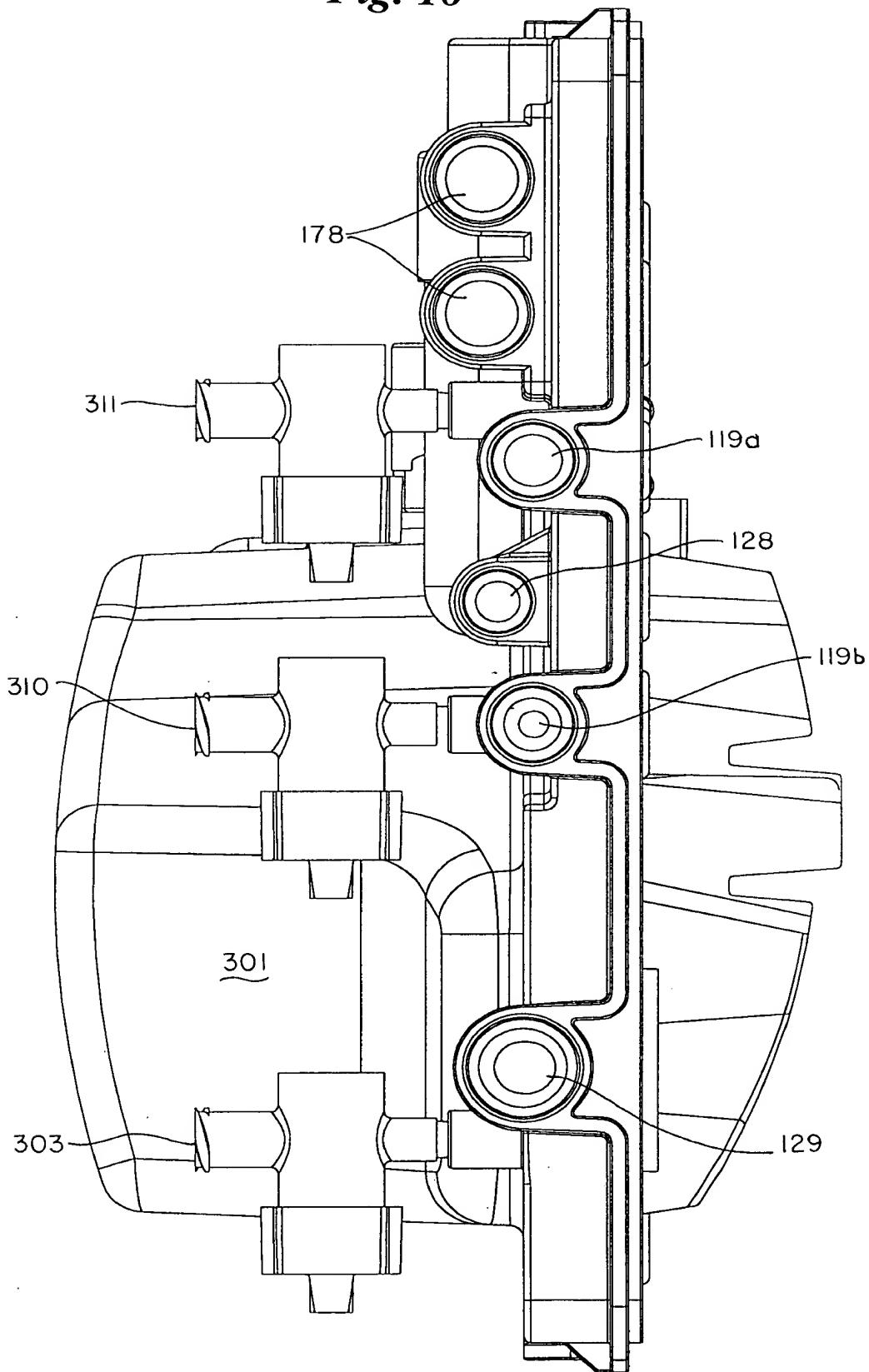
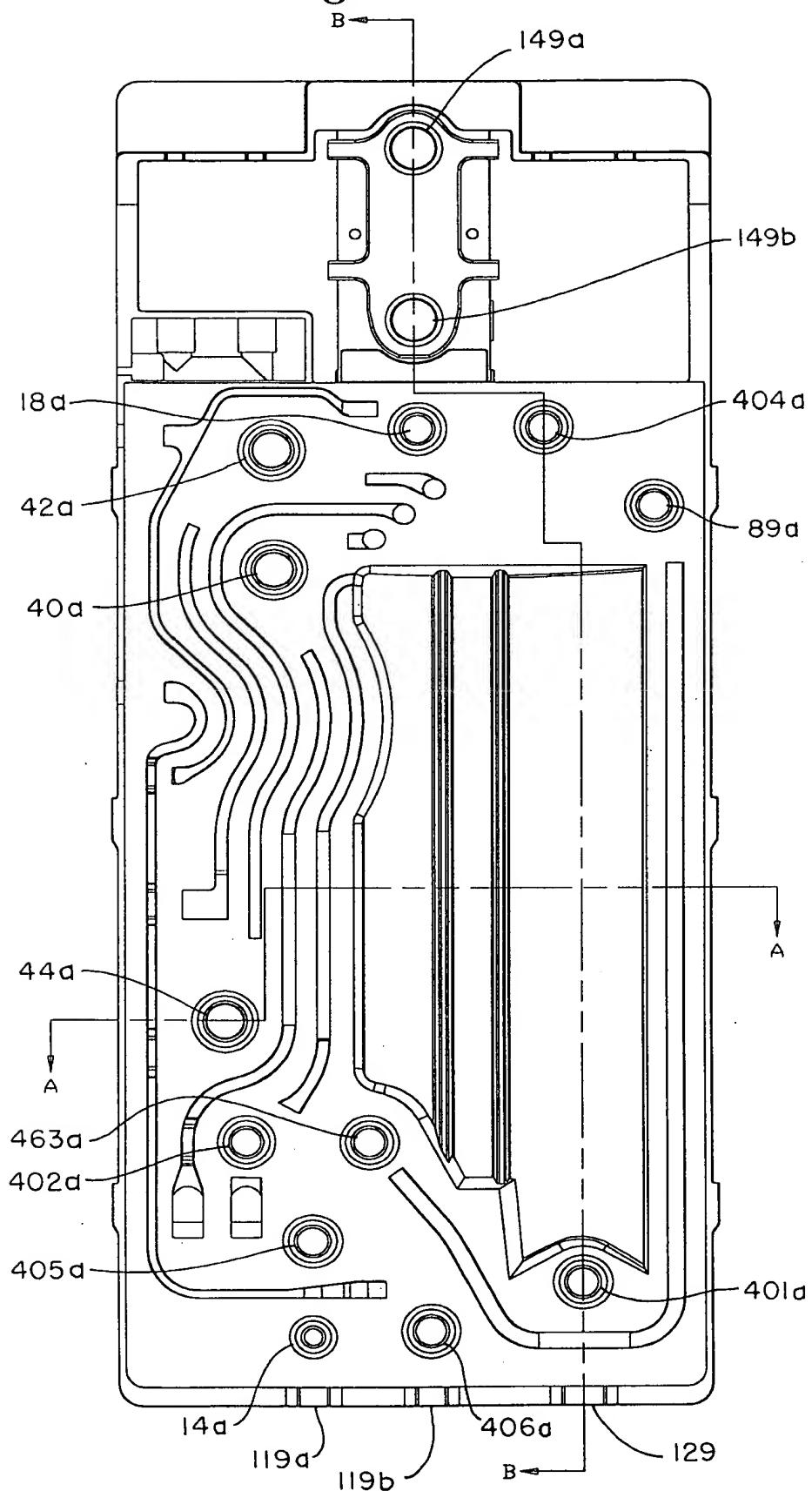
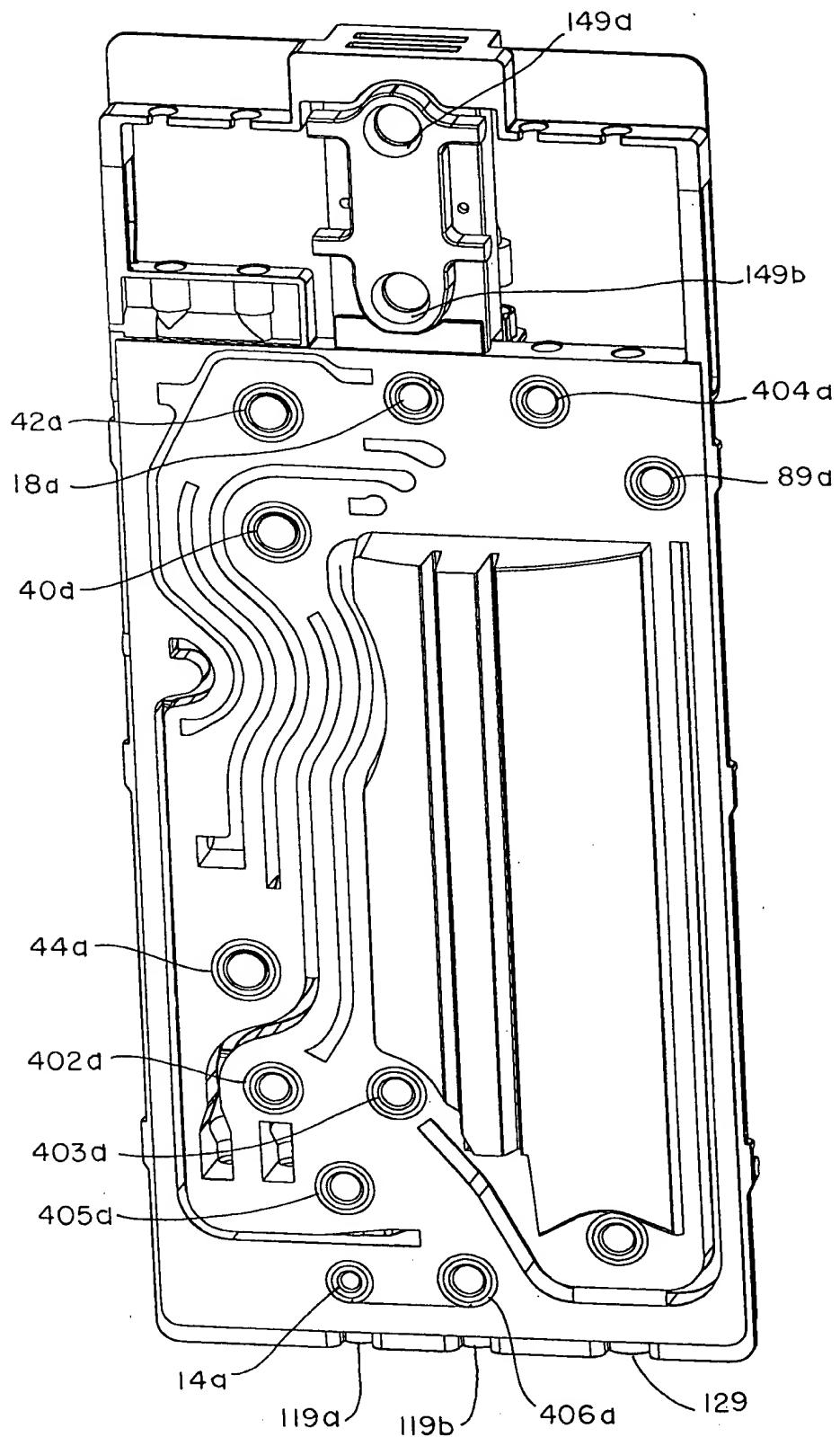
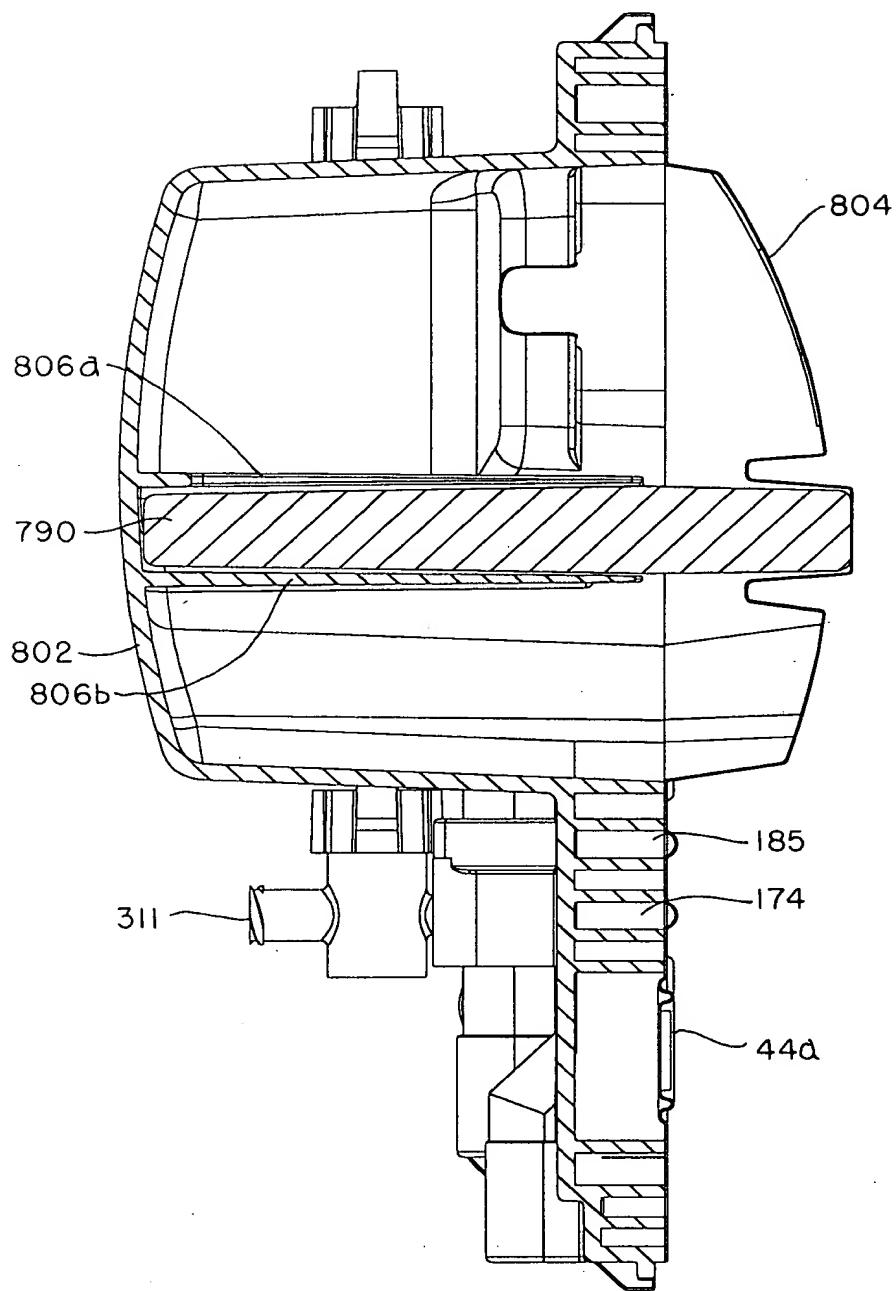


Fig. 19A

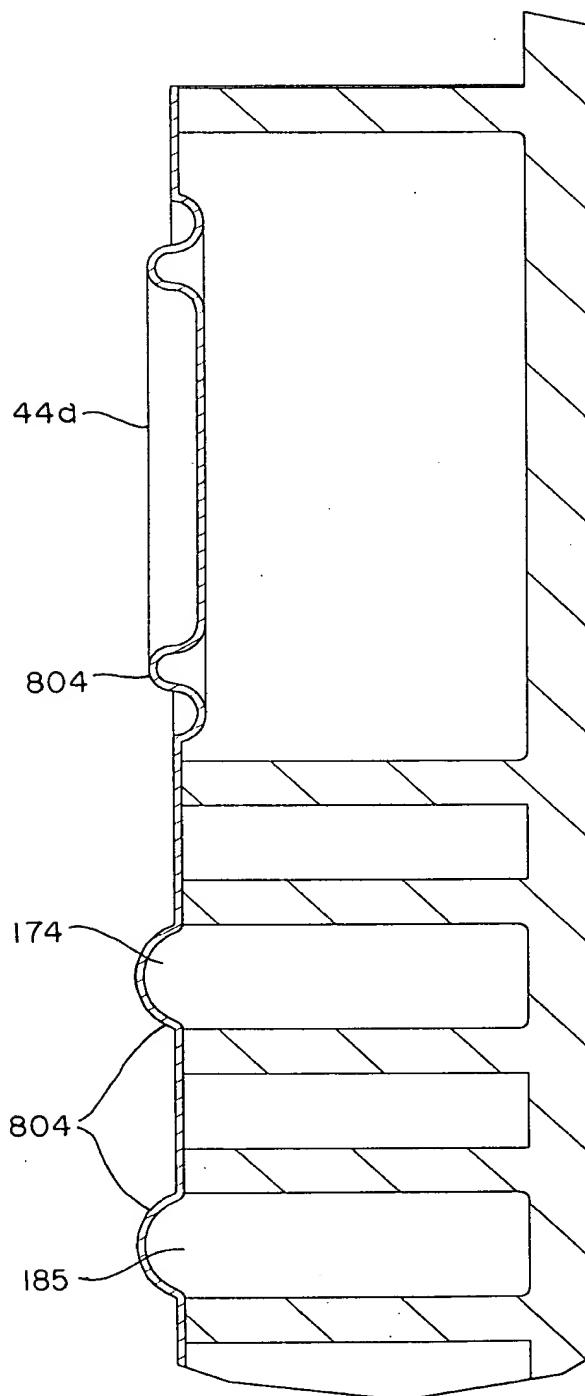


**Fig. 19B**



*Fig. 20A*

***Fig. 20B***



*Fig. 21*

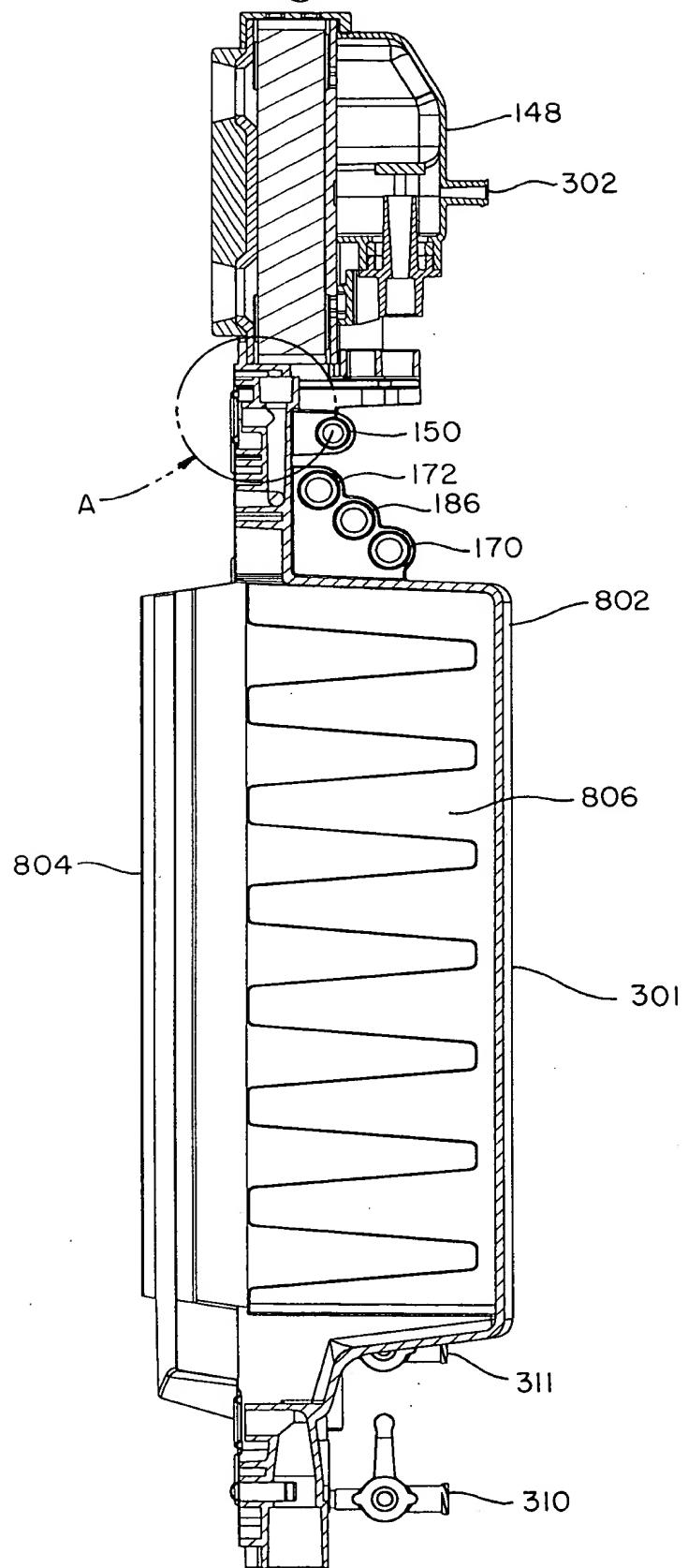
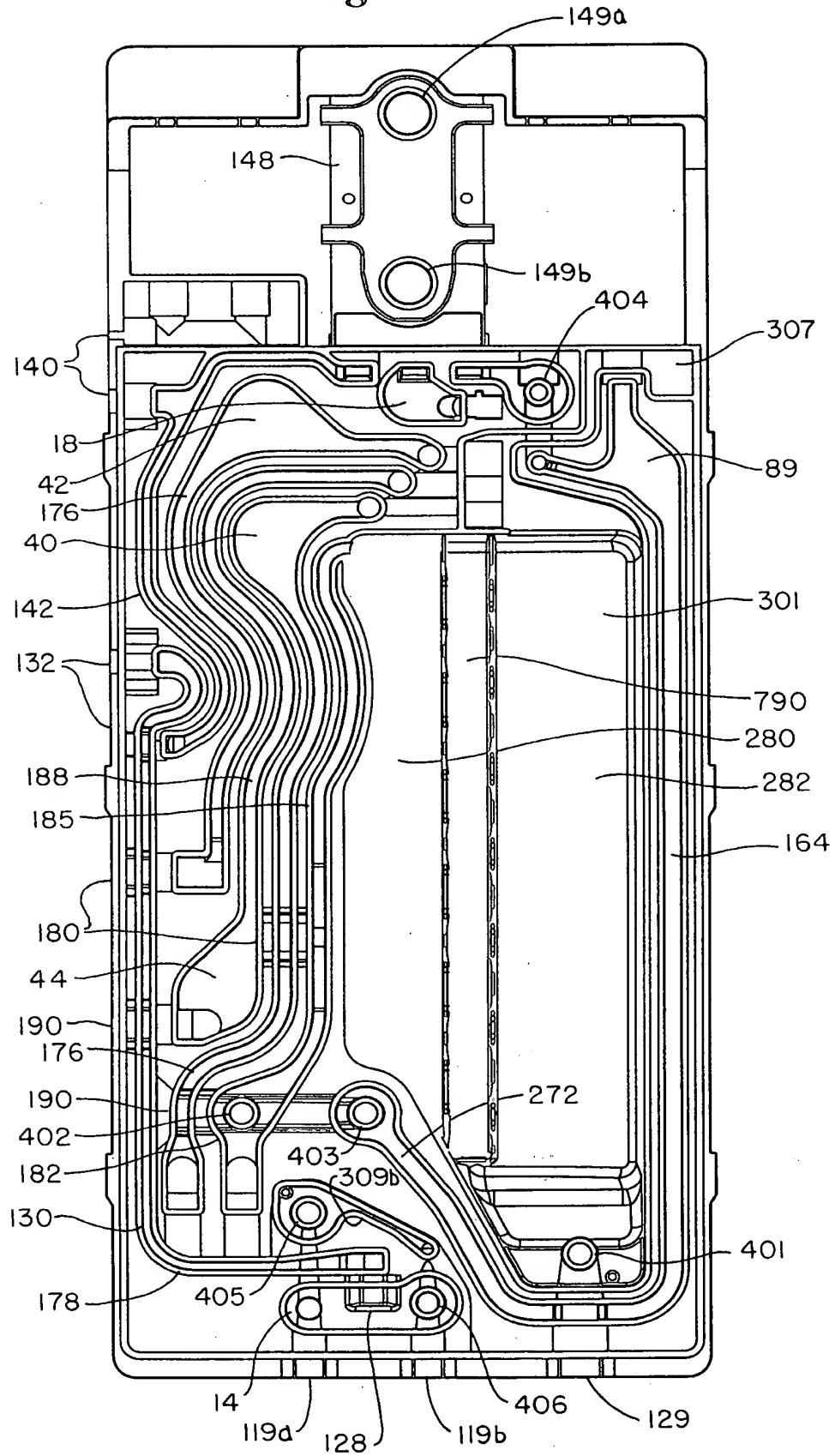
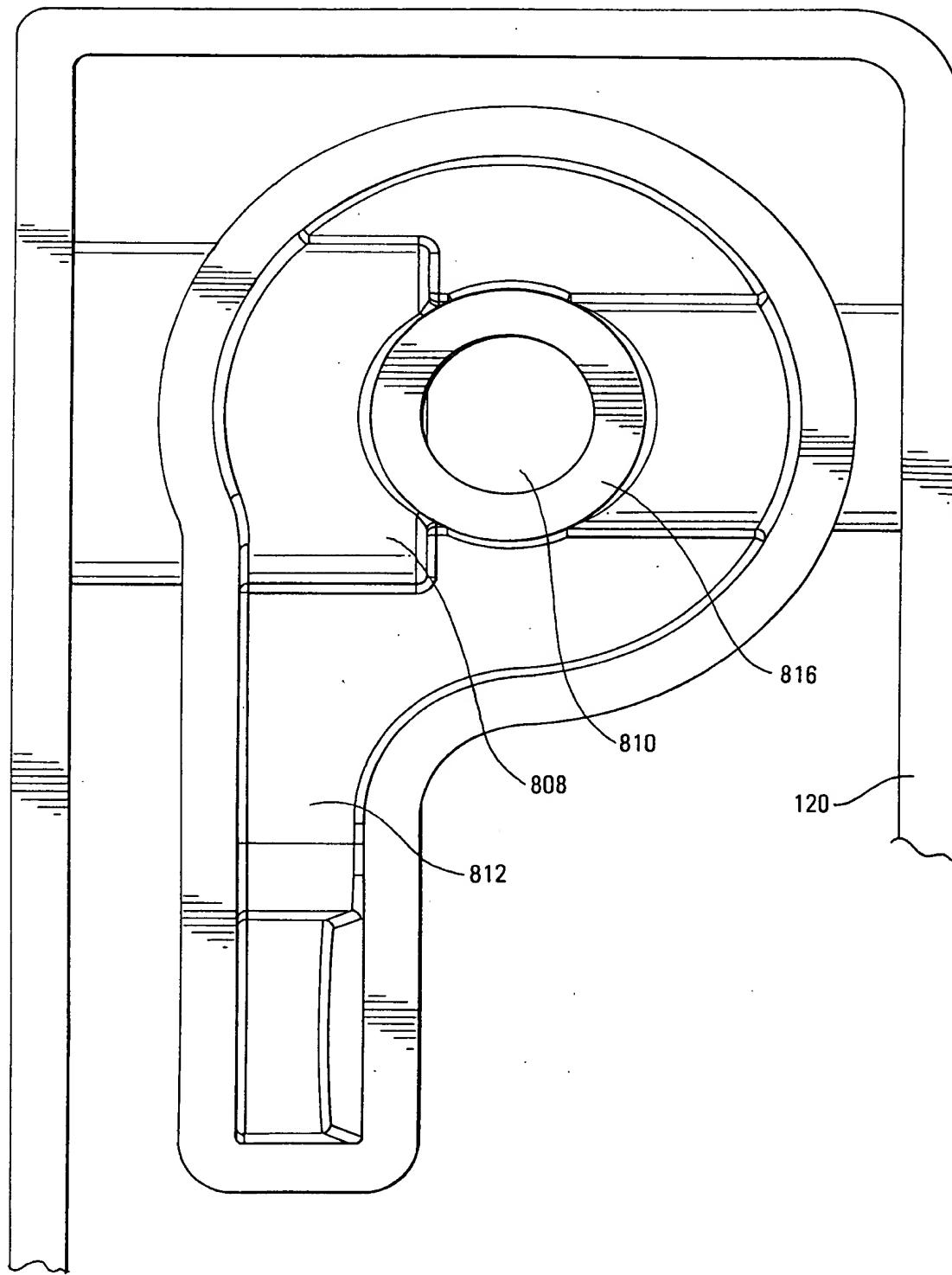


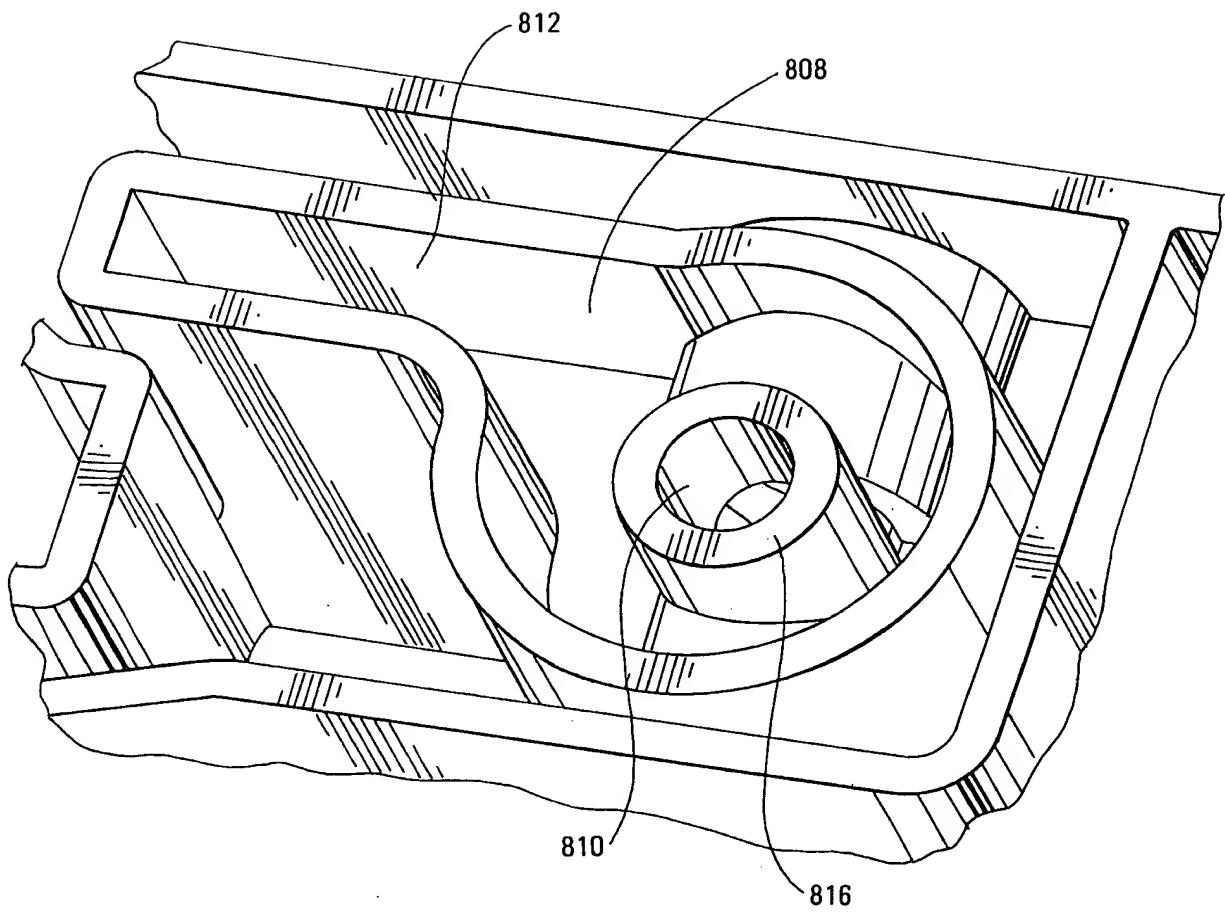
Fig. 22



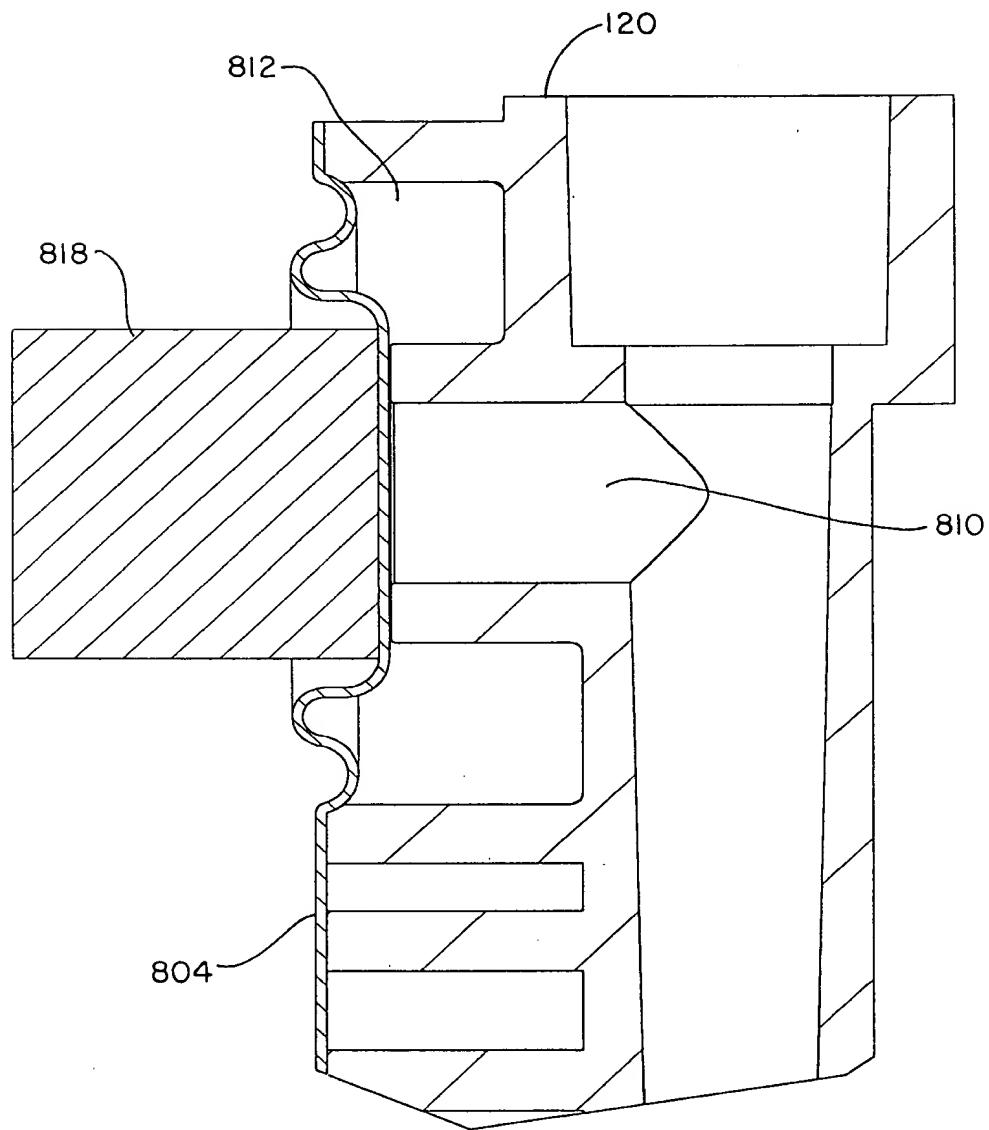
*Fig.23A*



***Fig.23B***



*Fig. 24A*



*Fig. 24B*

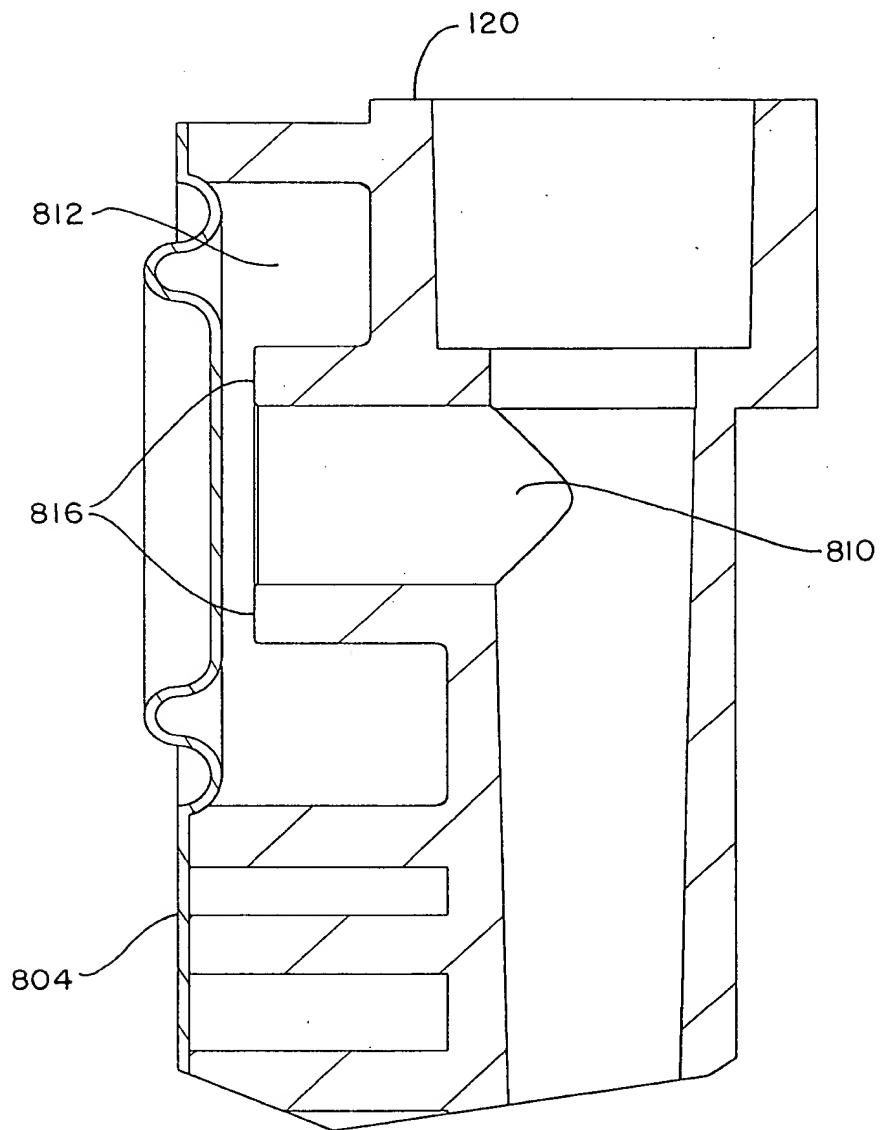


Fig. 25

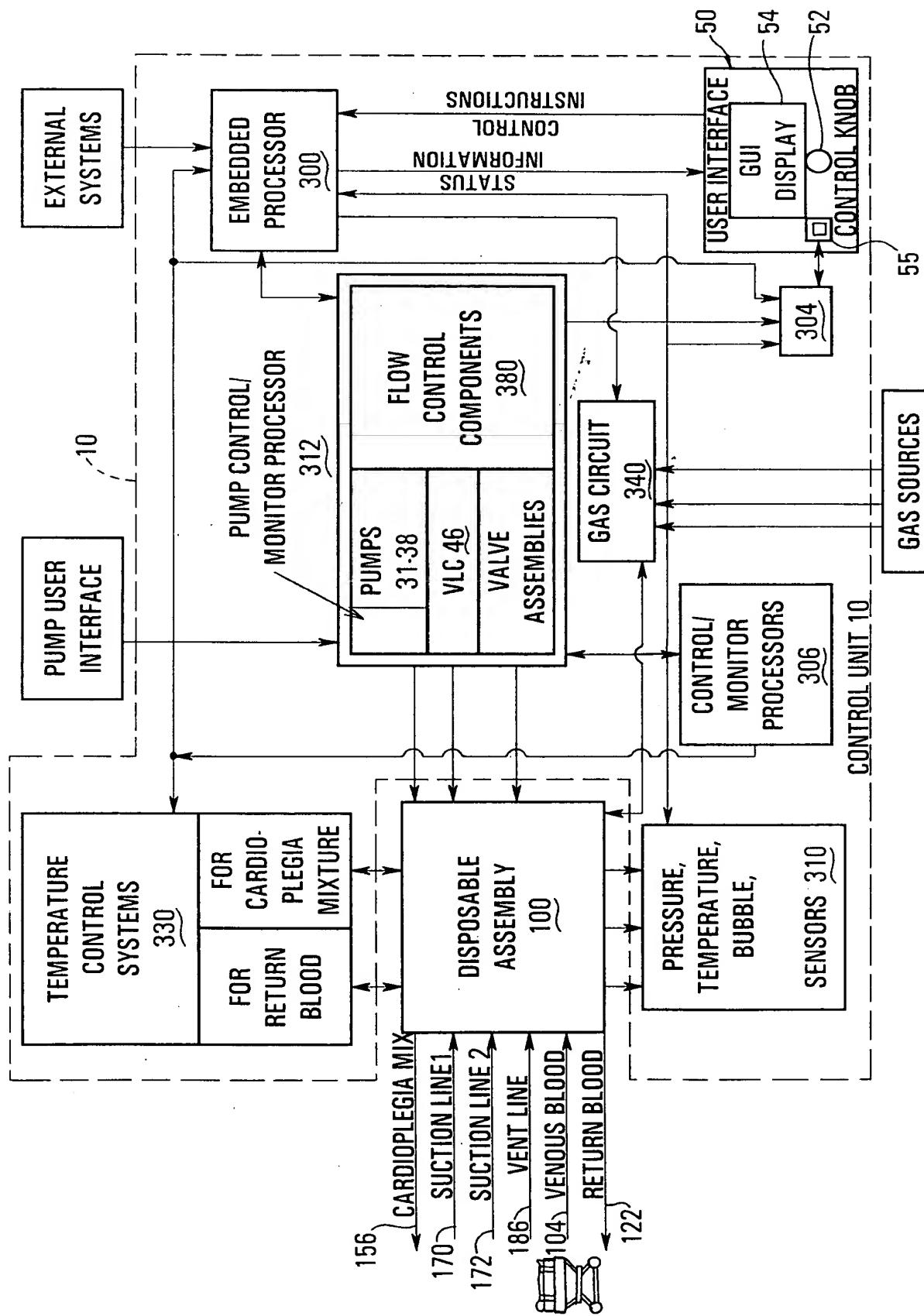
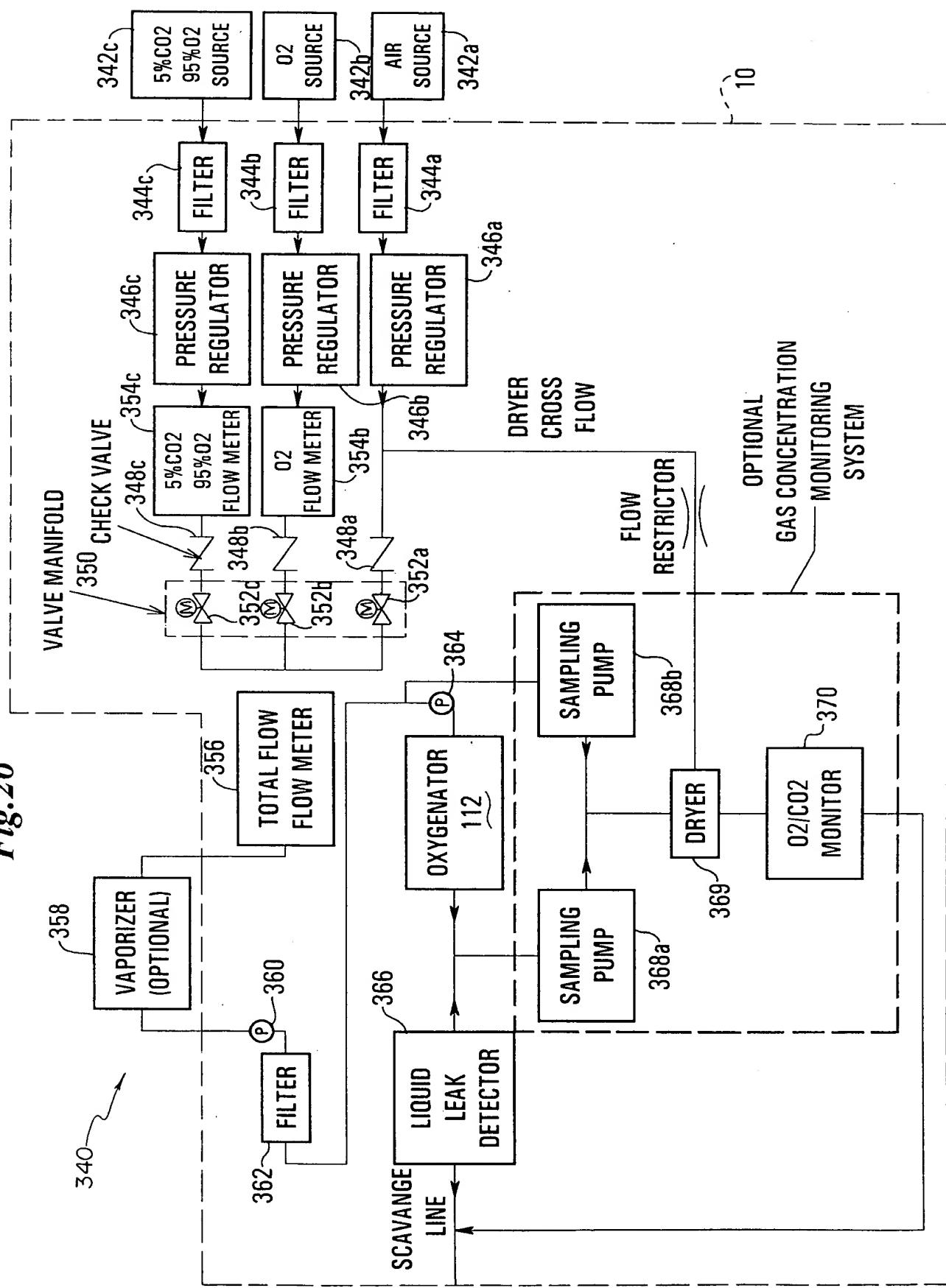


Fig. 26



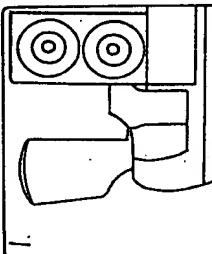
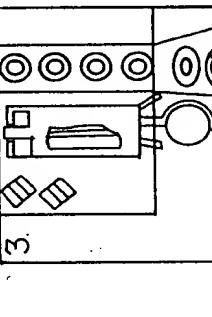
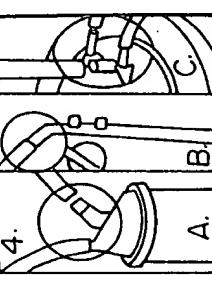
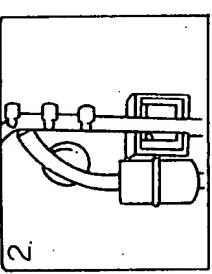
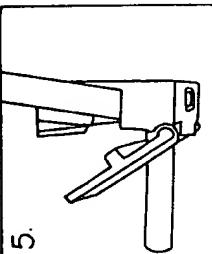
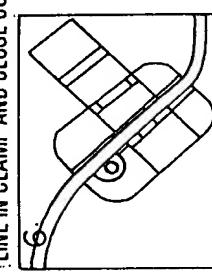
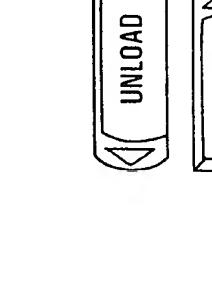
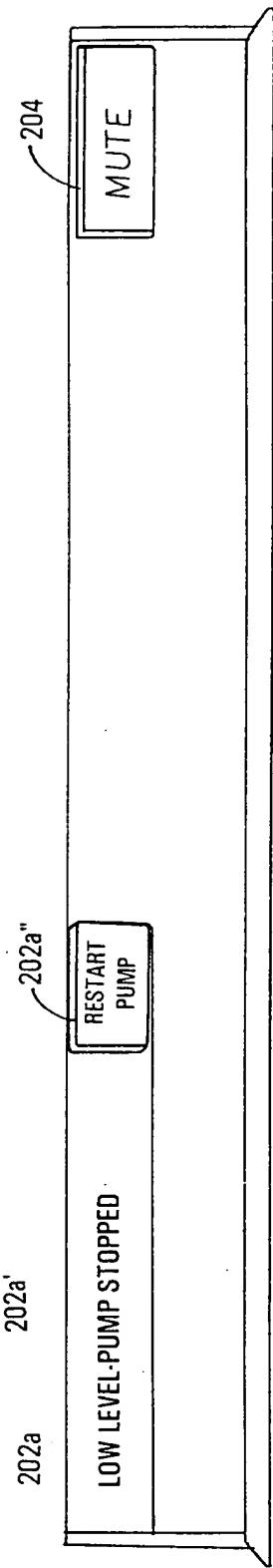
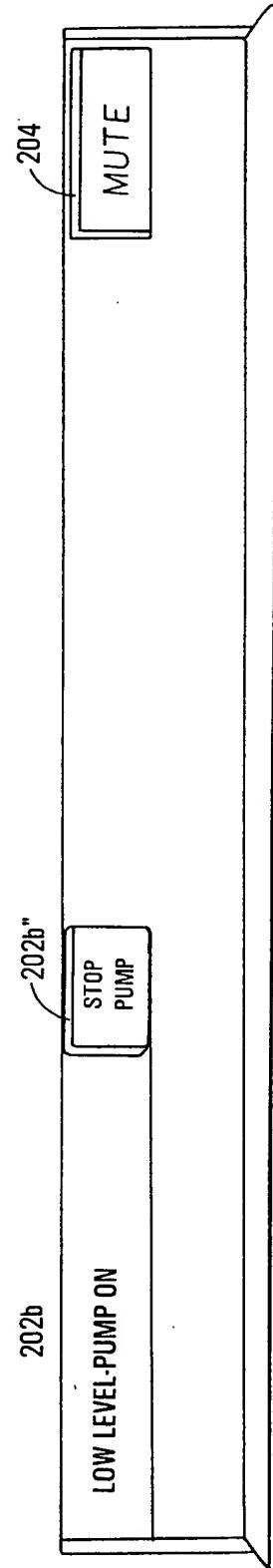
200	220		240																																																		
<table border="1"> <tr> <td>VENOUS</td> <td>ARTERIAL</td> <td>CARDIOPLEGIA</td> <td colspan="2">PATIENT ARTERIAL</td> </tr> <tr> <td>VLC FULL OPEN</td> <td>LINE PRESSURE 0mmHg</td> <td>LINE PRESSURE 0mmHg</td> <td>SINUS</td> <td>FLOW 3.2 lpm</td> </tr> <tr> <td>VLC (100%)</td> <td>FLOW 0.00 lpm</td> <td>CORONARY</td> <td>110mmHg</td> <td>PATIENT TEMP.</td> </tr> <tr> <td>VLC FULL CLOSE</td> <td>TEMP. 0.0°C</td> <td>BOLUS</td> <td>0mmHg</td> <td>32.0°C</td> </tr> <tr> <td></td> <td></td> <td>TOTAL</td> <td>0ml</td> <td>FECO<sub>2</sub> 1%</td> </tr> <tr> <td></td> <td></td> <td>ISCHEMIC TIME</td> <td>00:00</td> <td>0%</td> </tr> <tr> <td></td> <td></td> <td>TEMP.</td> <td>0.0°C</td> <td></td> </tr> </table>		VENOUS	ARTERIAL	CARDIOPLEGIA	PATIENT ARTERIAL		VLC FULL OPEN	LINE PRESSURE 0mmHg	LINE PRESSURE 0mmHg	SINUS	FLOW 3.2 lpm	VLC (100%)	FLOW 0.00 lpm	CORONARY	110mmHg	PATIENT TEMP.	VLC FULL CLOSE	TEMP. 0.0°C	BOLUS	0mmHg	32.0°C			TOTAL	0ml	FECO <sub>2</sub> 1%			ISCHEMIC TIME	00:00	0%			TEMP.	0.0°C		<table border="1"> <tr> <td>BLENDER</td> <td>OTHER</td> </tr> <tr> <td>FLOW 3.2 lpm</td> <td>PATIENT ARTERIAL</td> </tr> <tr> <td>FiO<sub>2</sub> 50%</td> <td>110mmHg</td> </tr> <tr> <td>FICO<sub>2</sub> 0%</td> <td>PATIENT TEMP.</td> </tr> <tr> <td></td> <td>32.0°C</td> </tr> <tr> <td></td> <td>FECO<sub>2</sub> 1%</td> </tr> <tr> <td></td> <td>0%</td> </tr> </table>		BLENDER	OTHER	FLOW 3.2 lpm	PATIENT ARTERIAL	FiO <sub>2</sub> 50%	110mmHg	FICO <sub>2</sub> 0%	PATIENT TEMP.		32.0°C		FECO <sub>2</sub> 1%		0%	
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<p><b>USER SET UP</b></p> <p>242</p> <p>VLC FULL OPEN</p> <p>VLC (100%)</p> <p>VLC FULL CLOSE</p>		<p><b>FOLLOW INSTRUCTIONS AND THEN PRESS 'LOAD' TO GO TO LOAD SCREEN.</b></p> <p>243</p> <p>1. </p> <p>2. </p> <p>3. </p> <p>4. </p> <p>5. </p> <p>6. </p> <p>7. </p>		<p><b>SUCTION/FLUIDS</b></p> <p>244</p> <p>A-V</p> <p>CPG</p> <p><b>GASES</b></p> <p>246</p> <p><b>WAVEFORMS</b></p> <p>248</p> <p><b>SETTINGS</b></p> <p>250</p> <p>252</p> <p>254</p>																																																	

Fig. 27

*Fig. 28A*



*Fig. 28B*



*Fig. 28C*

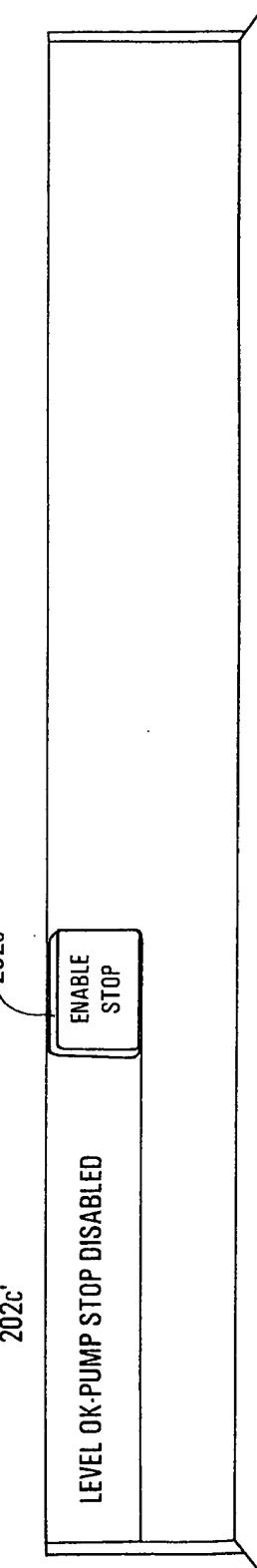


Fig. 28D

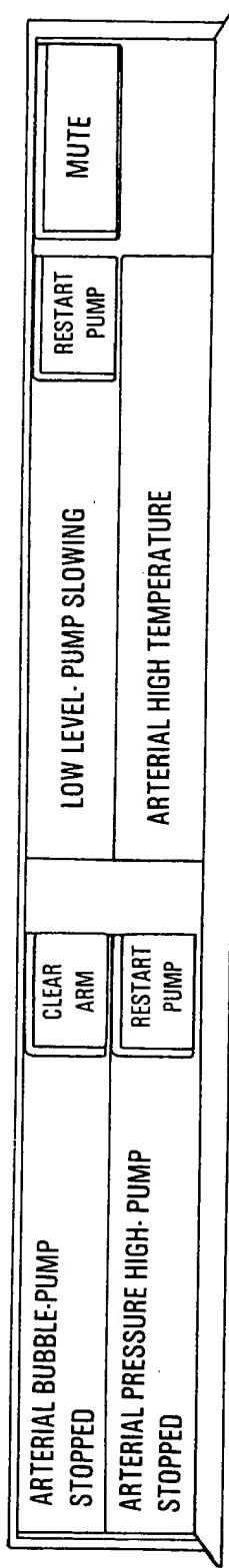
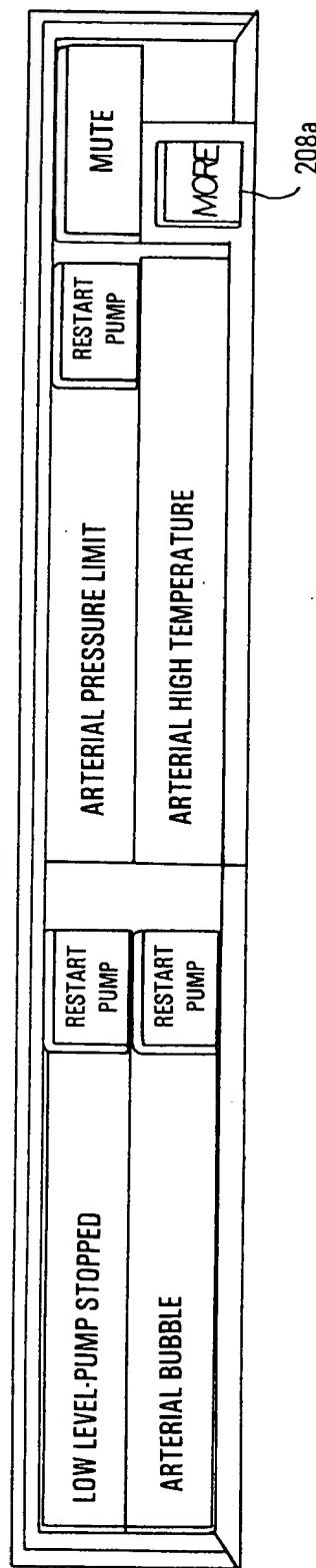


Fig. 28E



208a

Fig. 28F

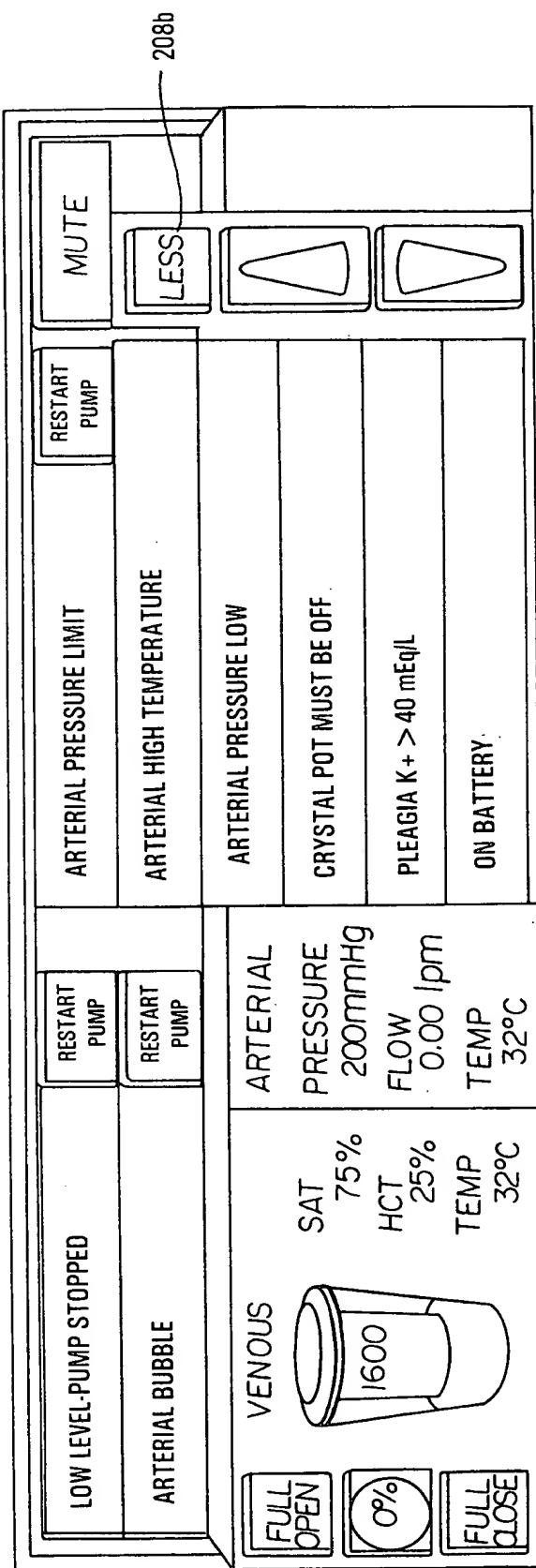


Fig. 29

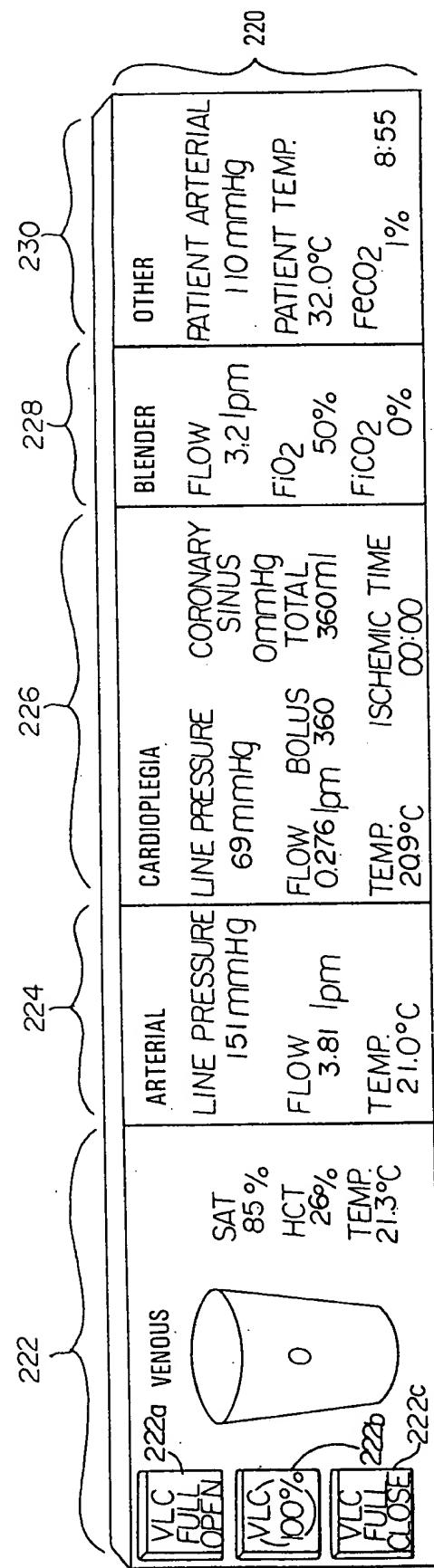


Fig. 30A

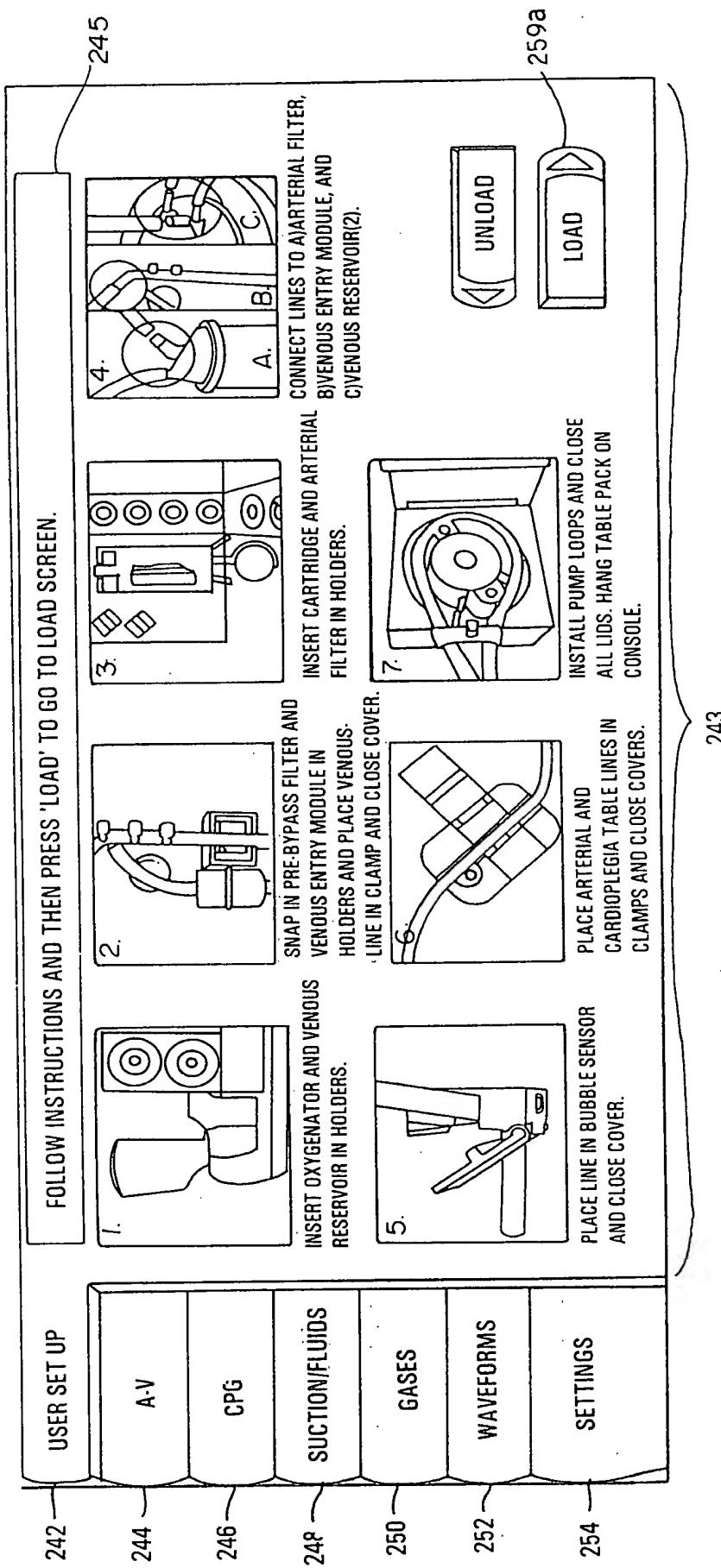
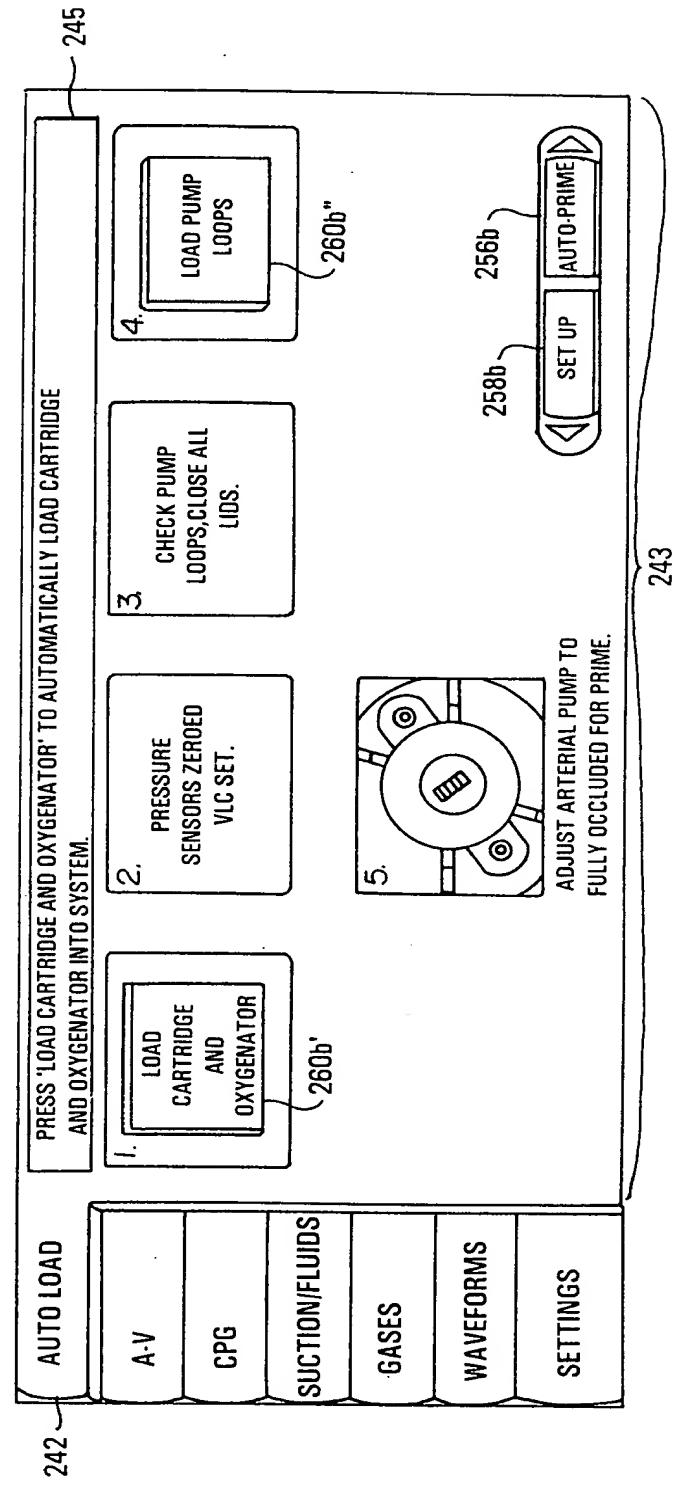


Fig. 30B



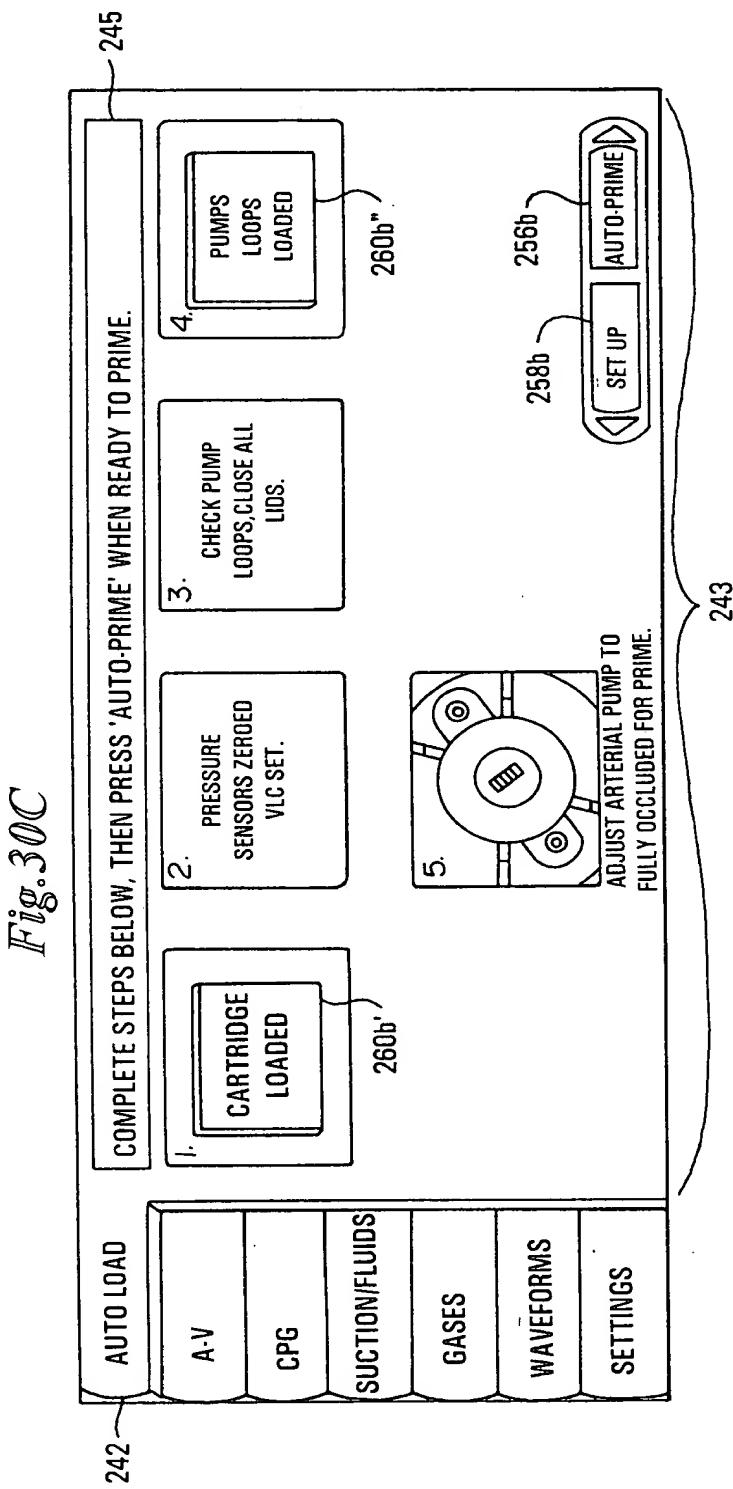
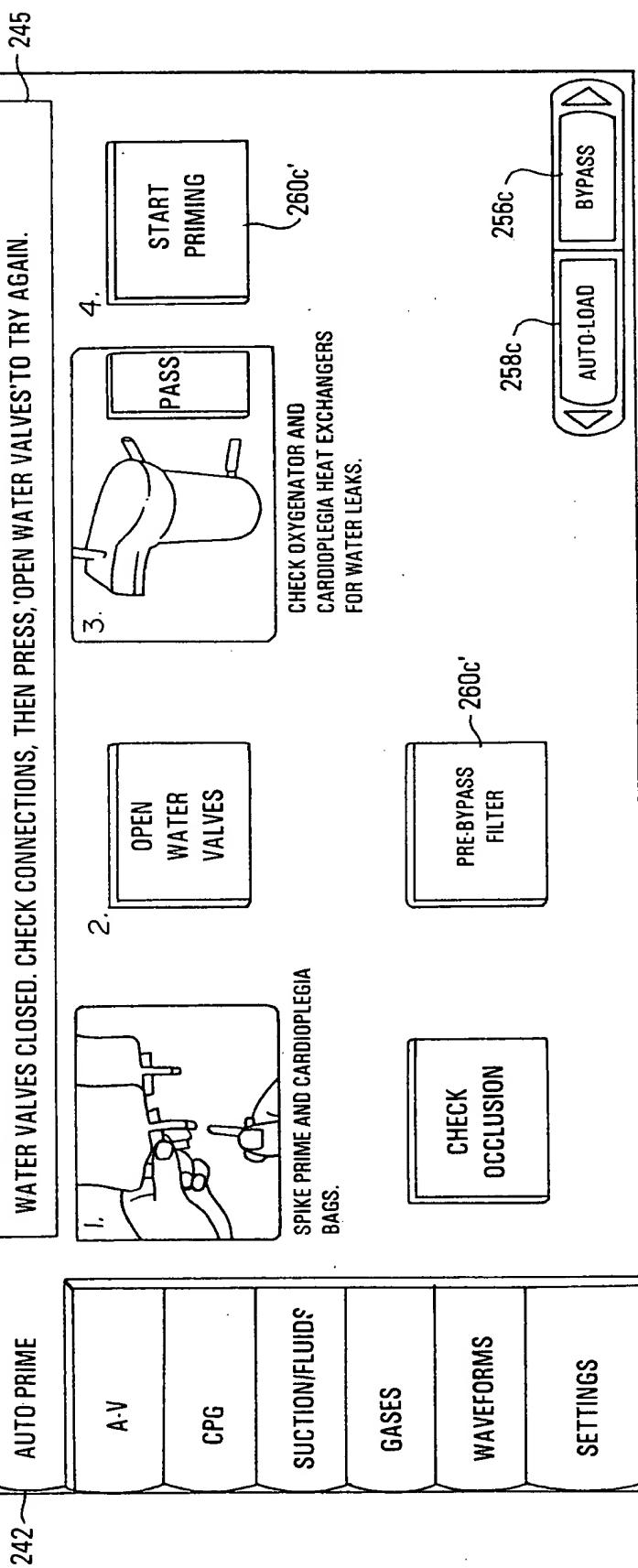
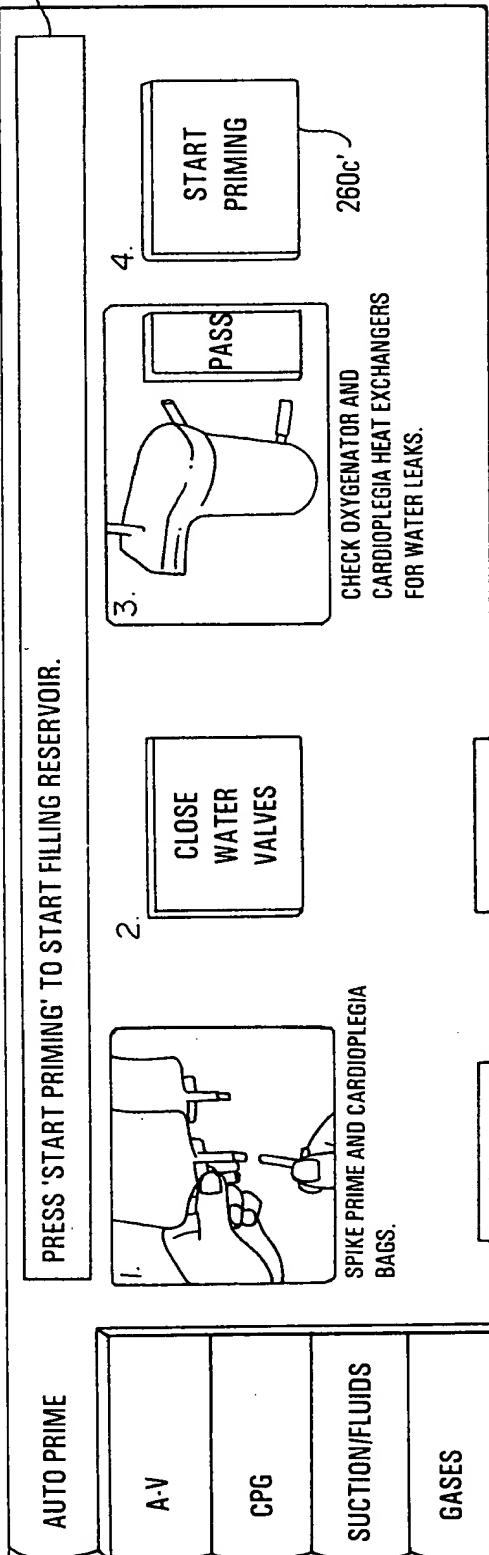


Fig. 30D



245

Fig. 30E



242

245

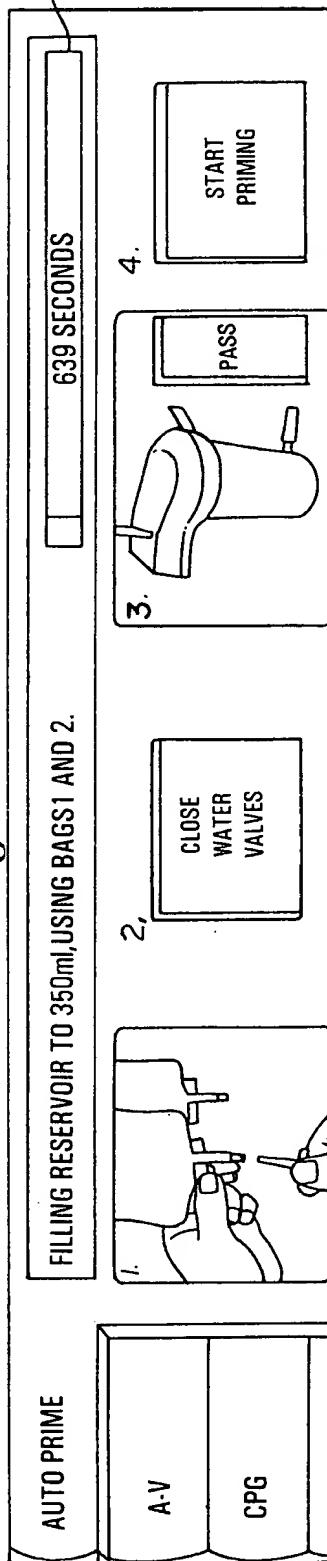


Fig.30F

Fig. 30G

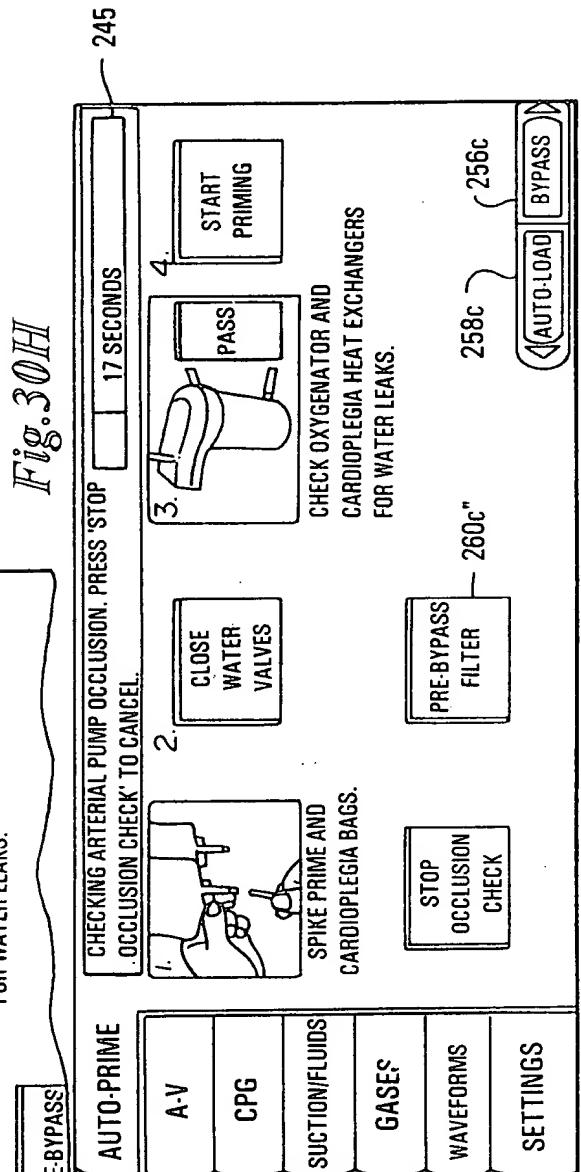
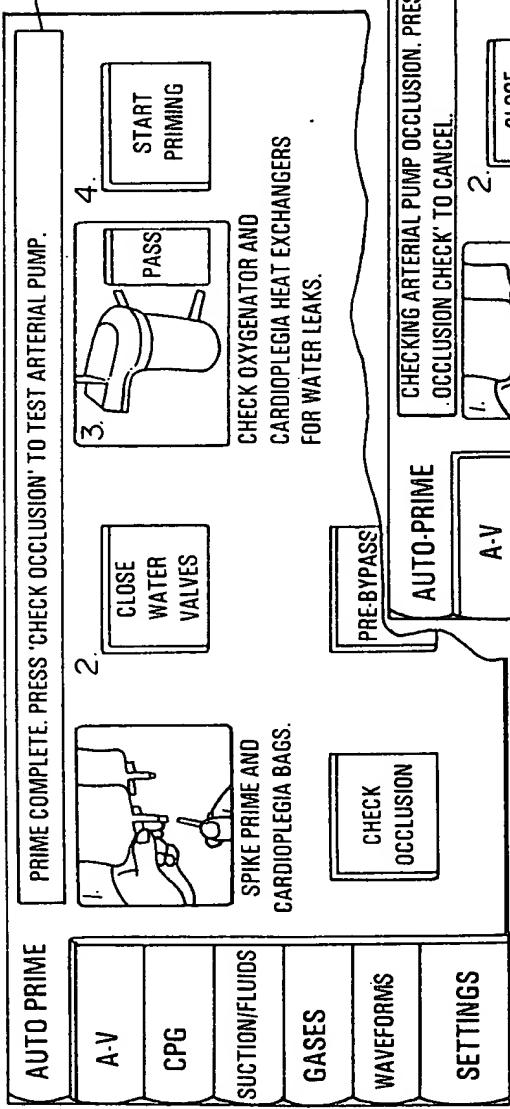


Fig. 30II

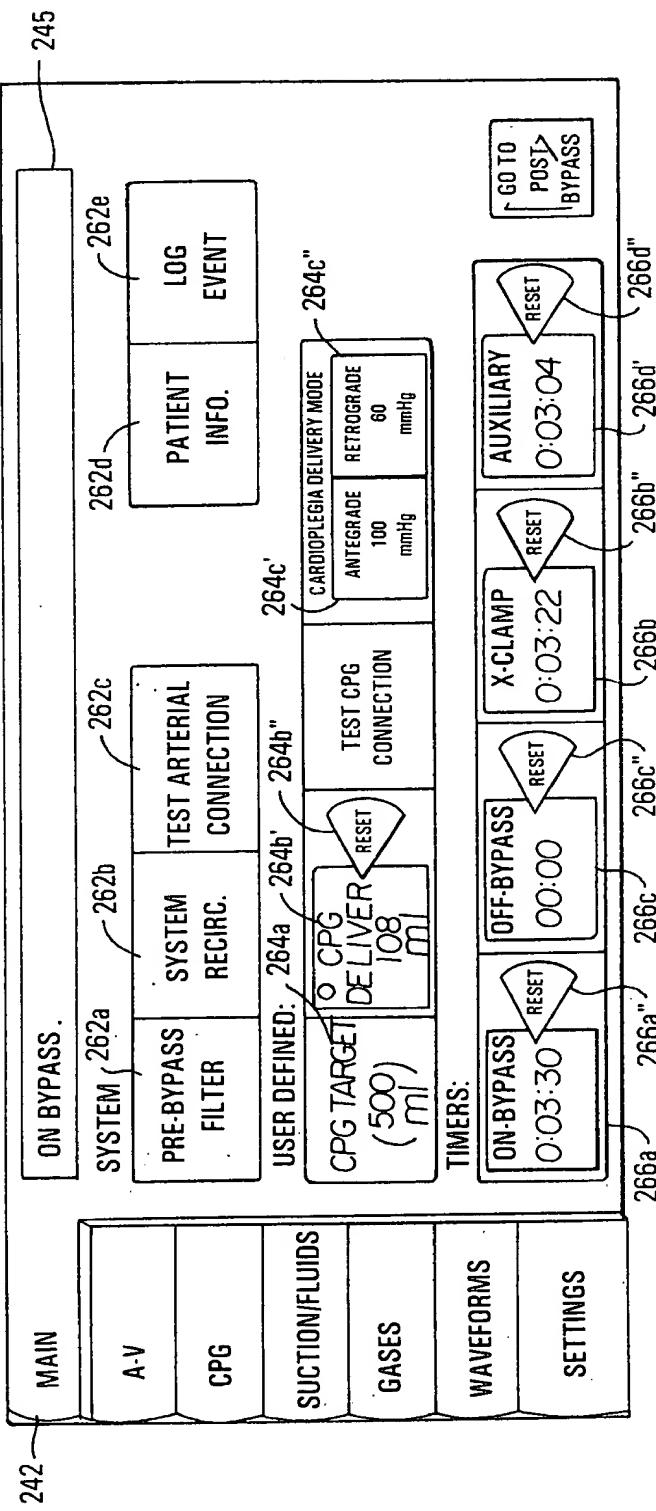


Fig.30J

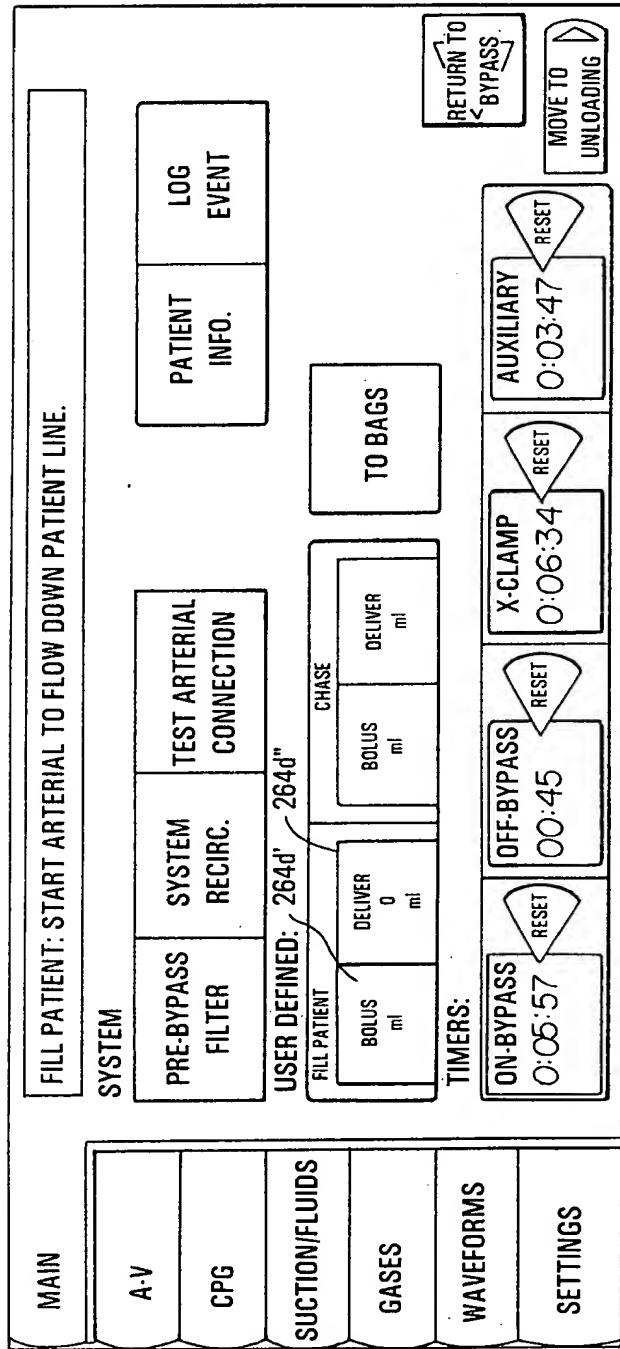


Fig. 30K

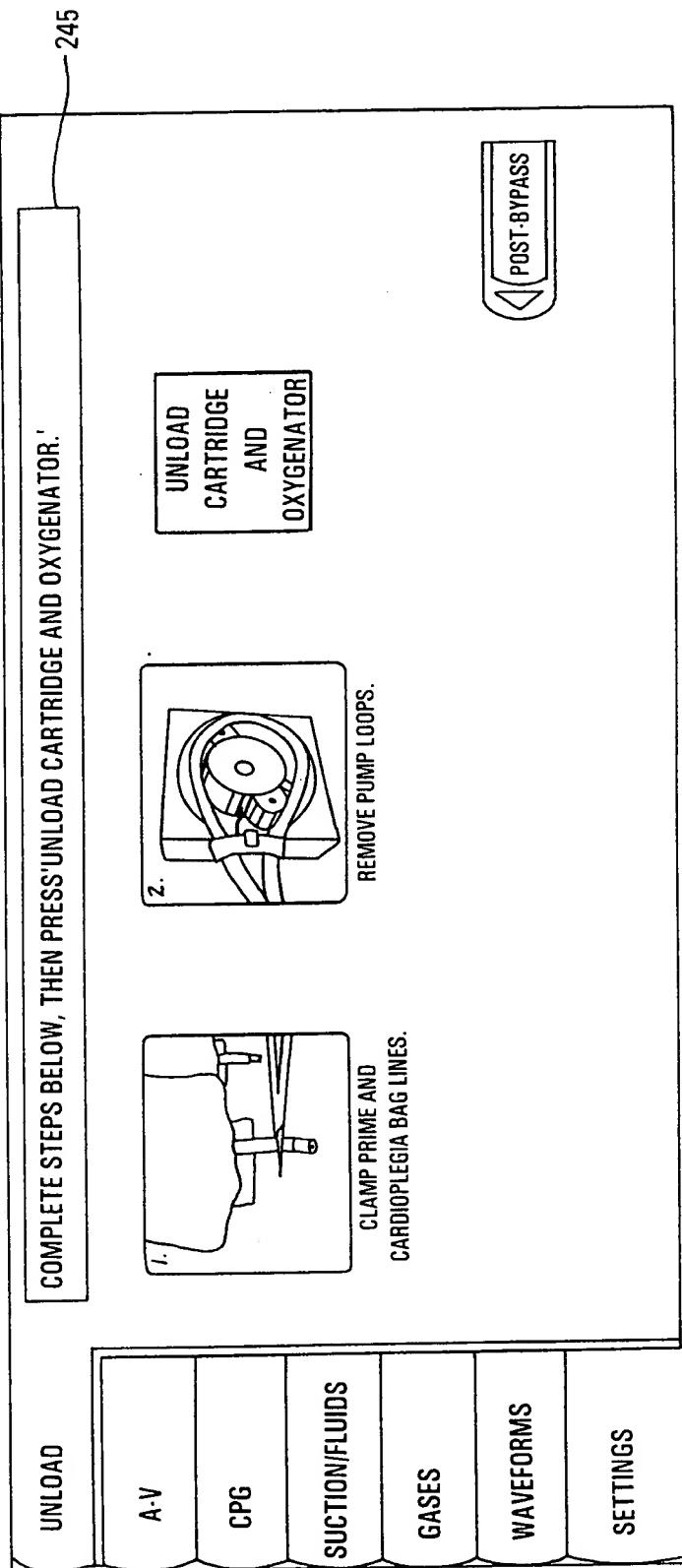


Fig. 30L

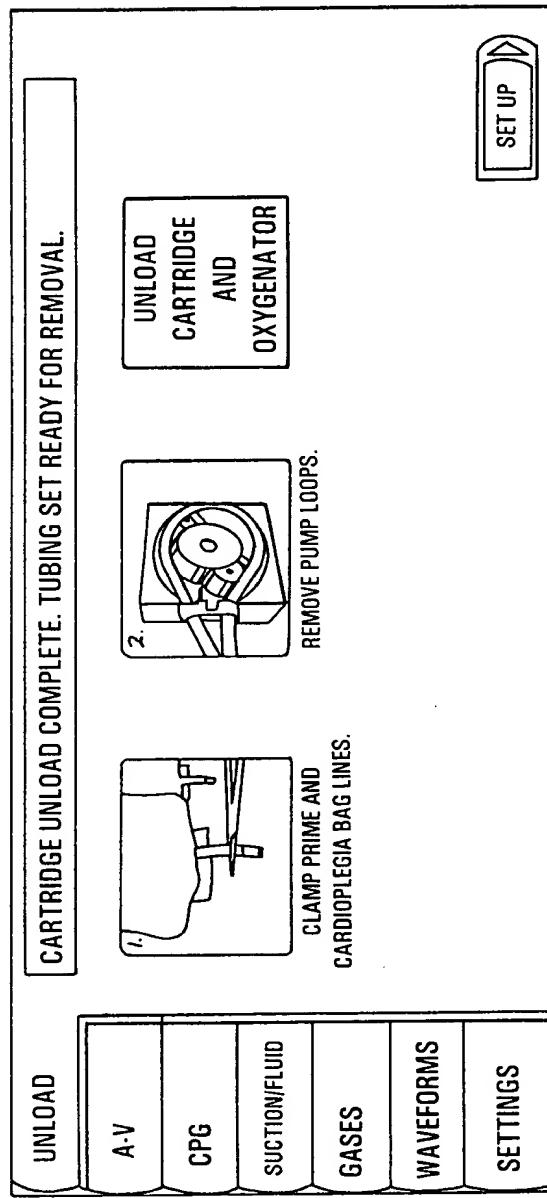


Fig.31A

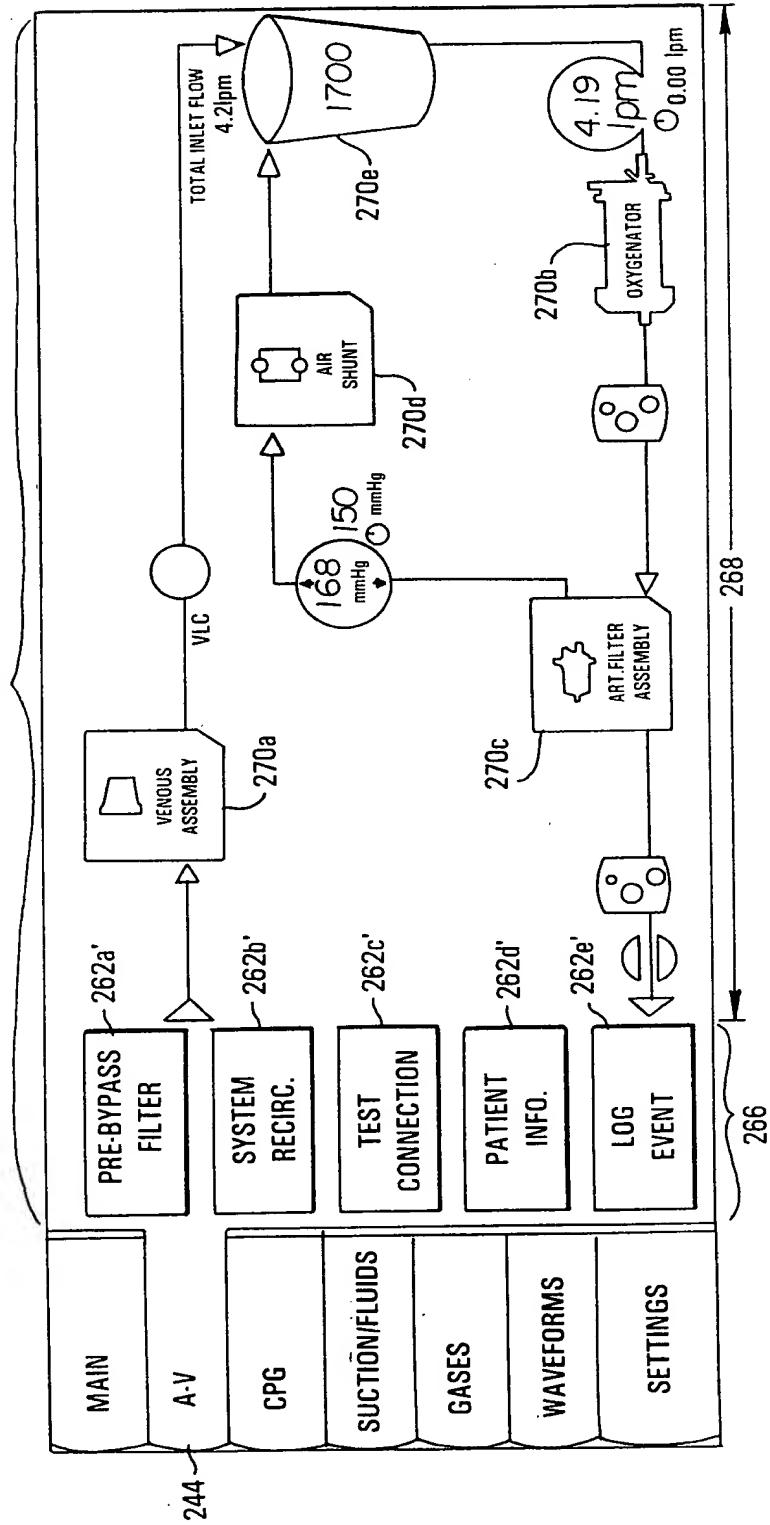


Fig.31B

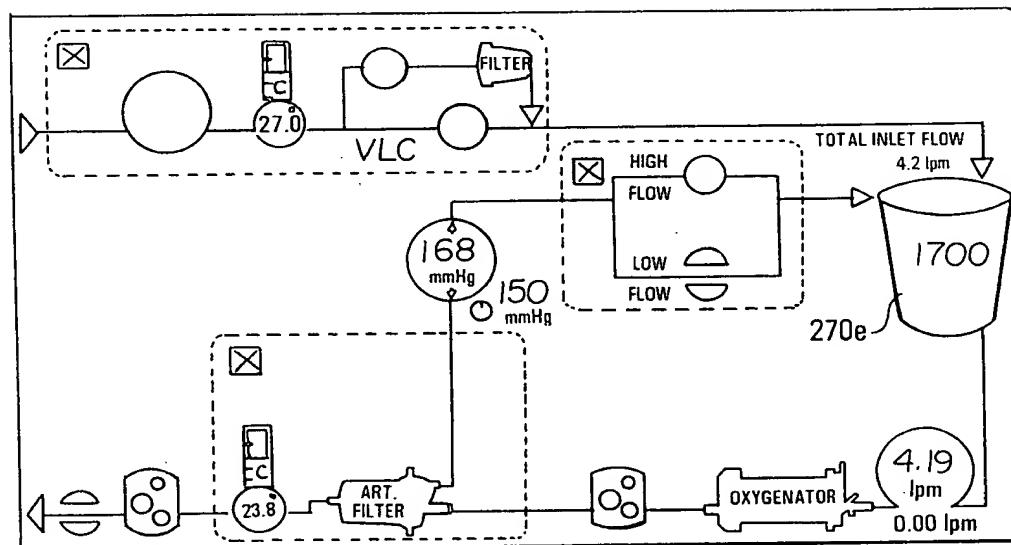


Fig.31C 272

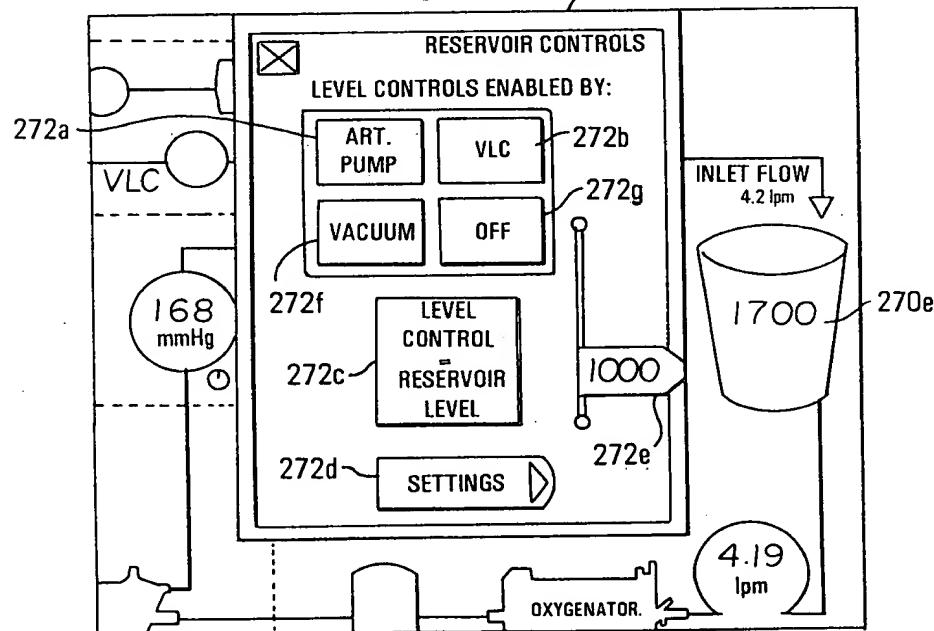


Fig.31D

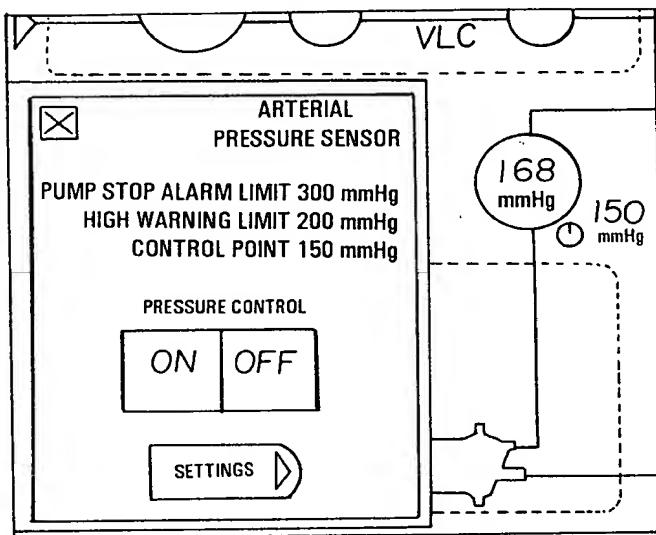


Fig.31E

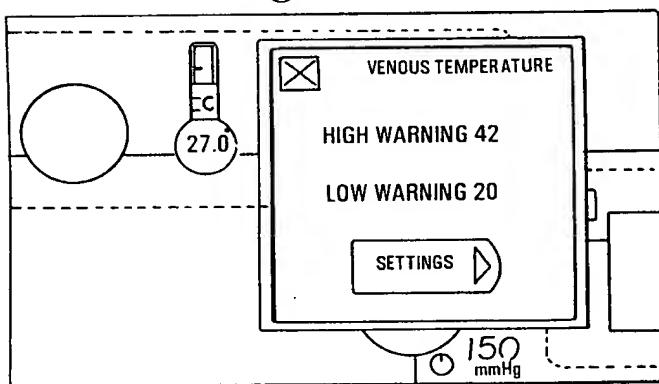
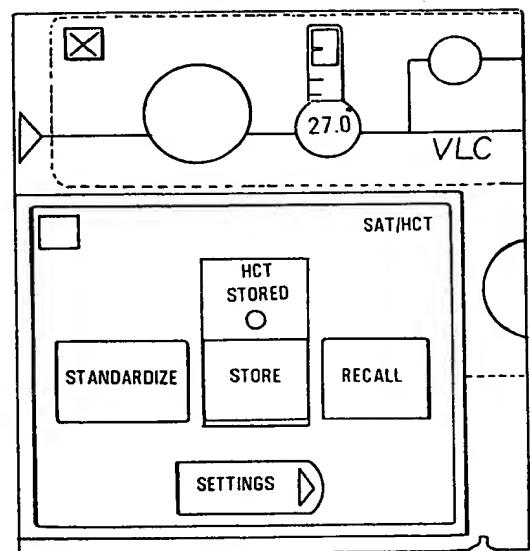


Fig.31F



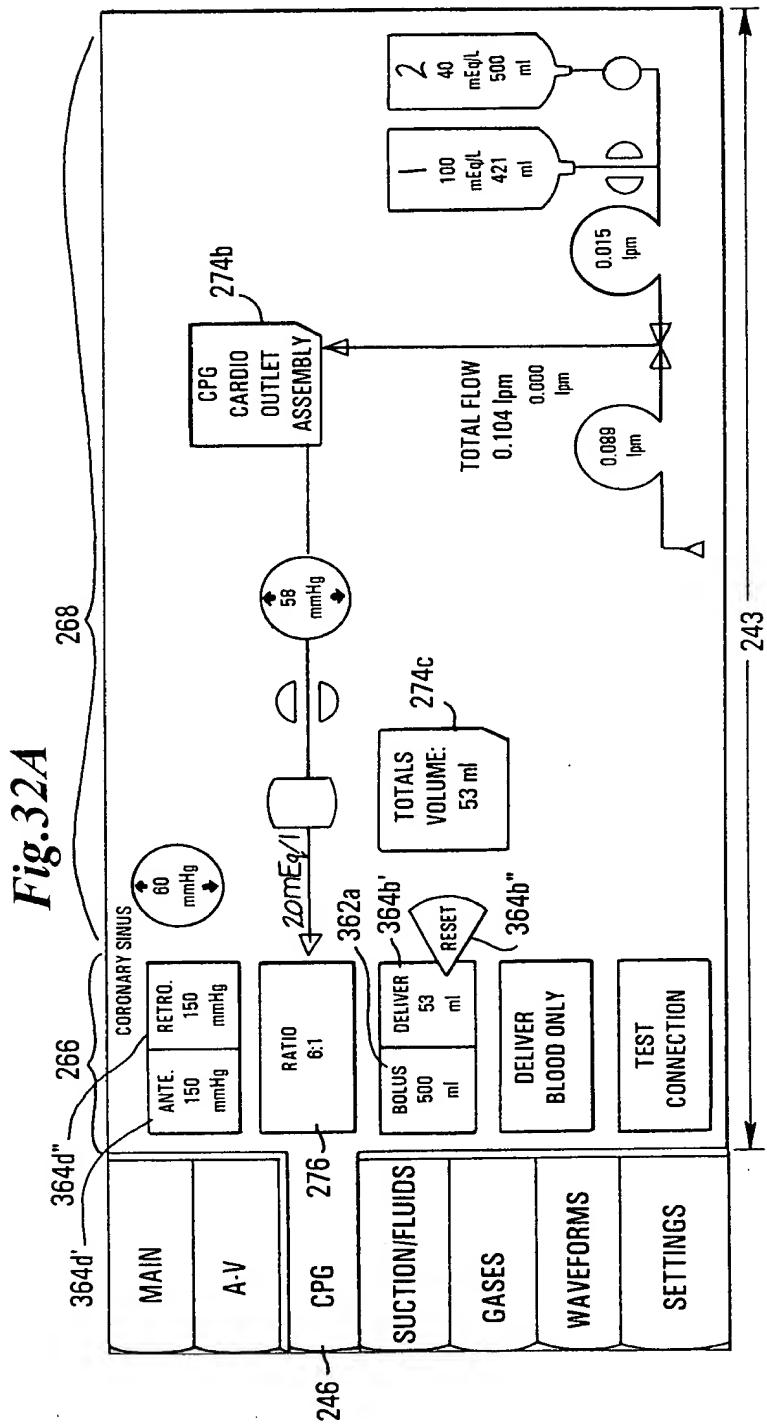


Fig. 32B

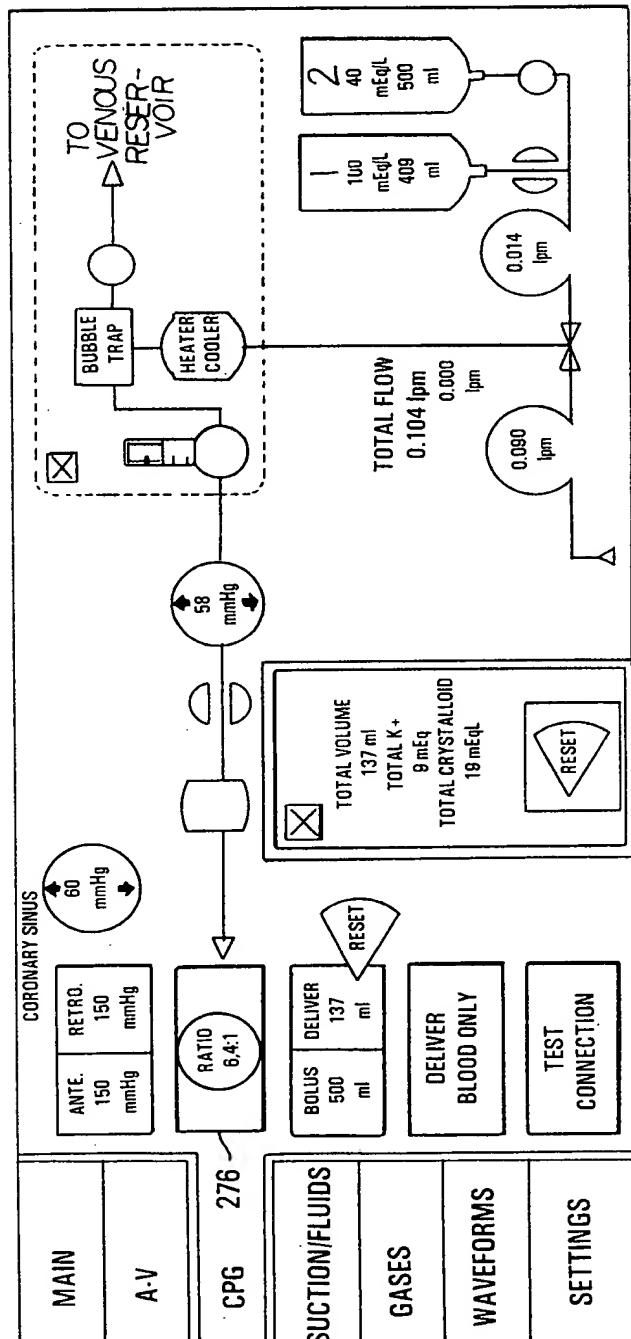


Fig.32C

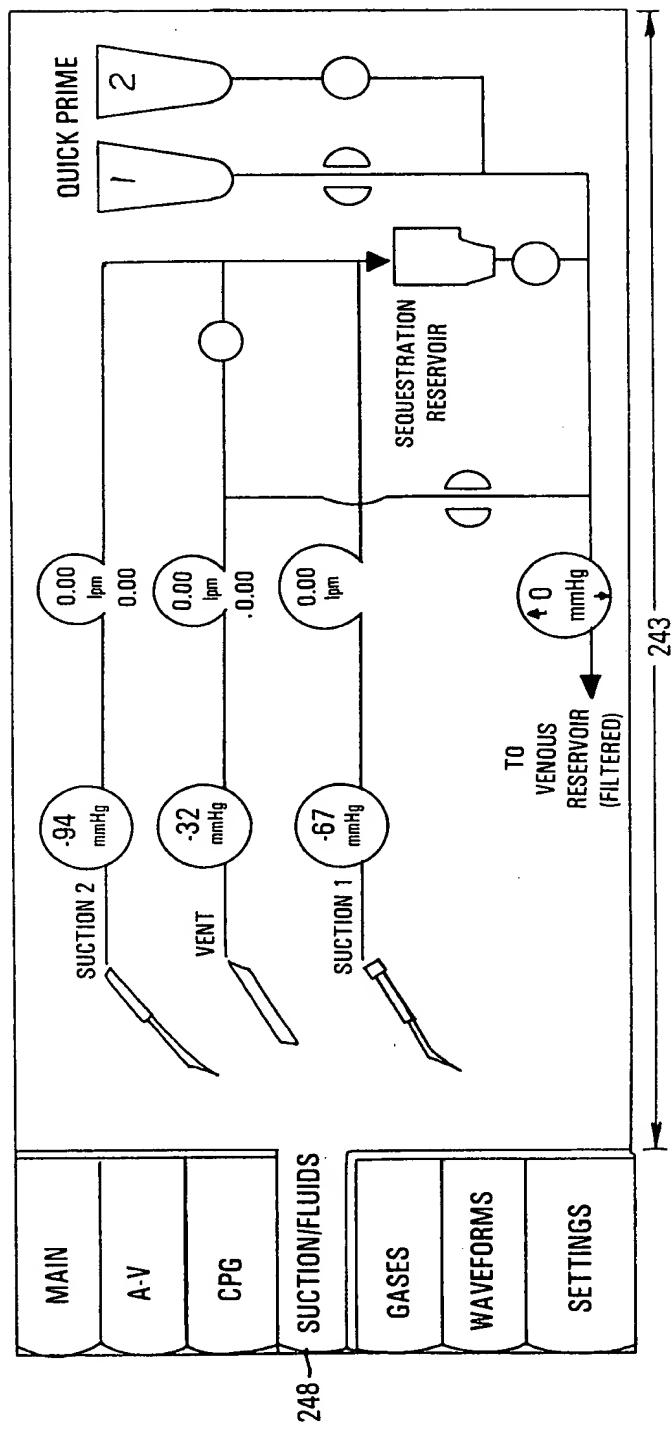


Fig.32D

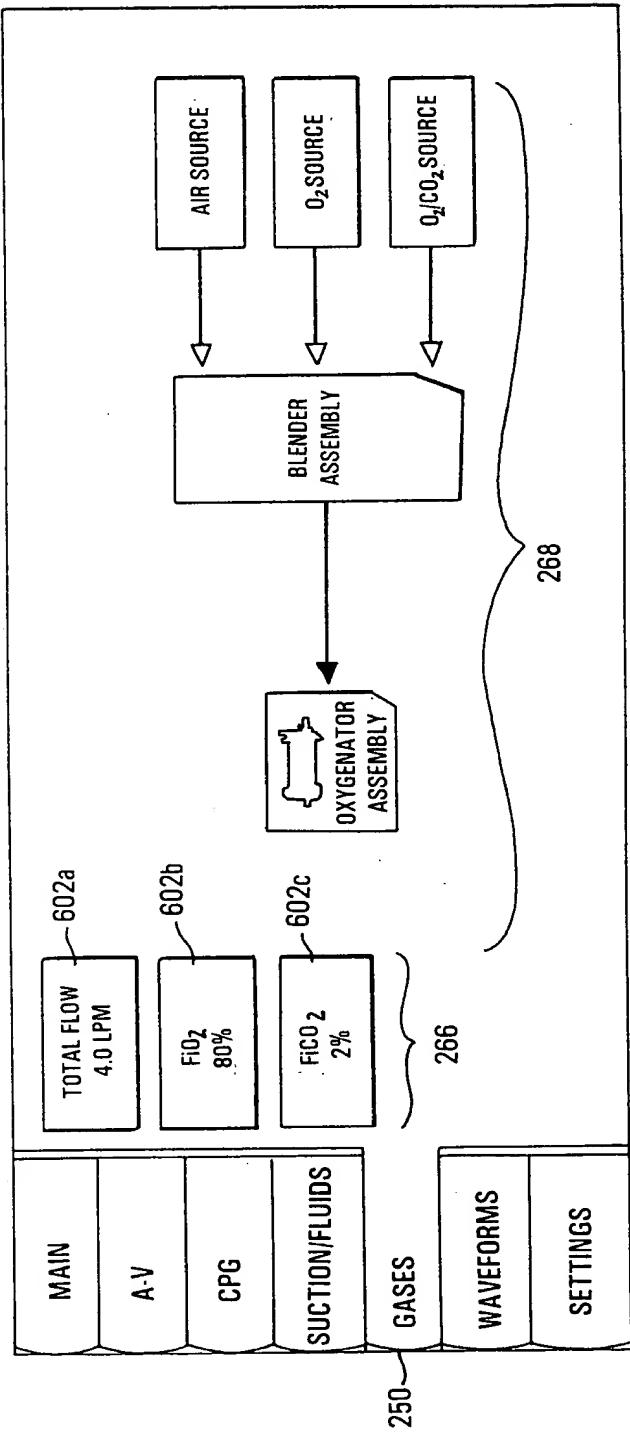


Fig. 32E

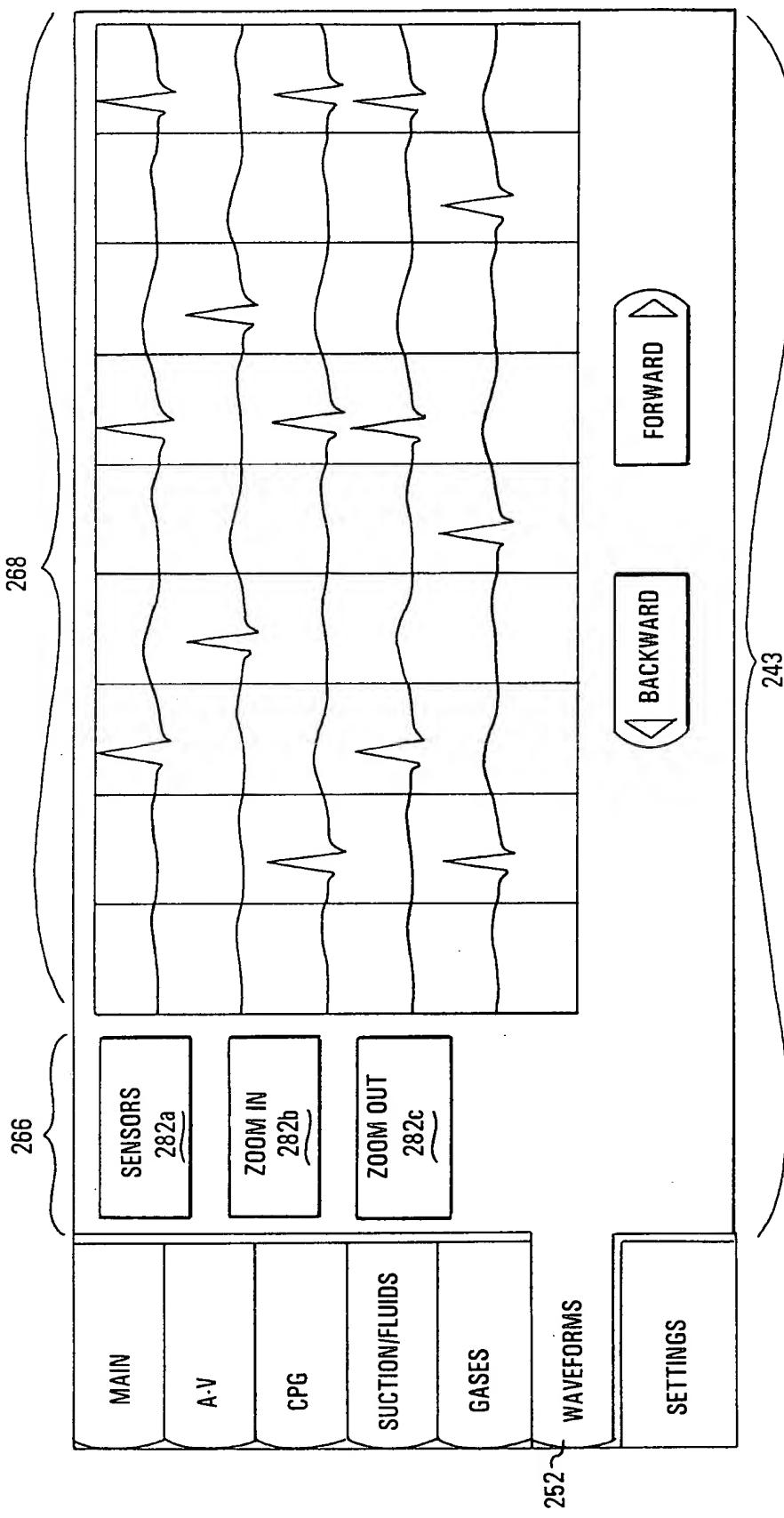
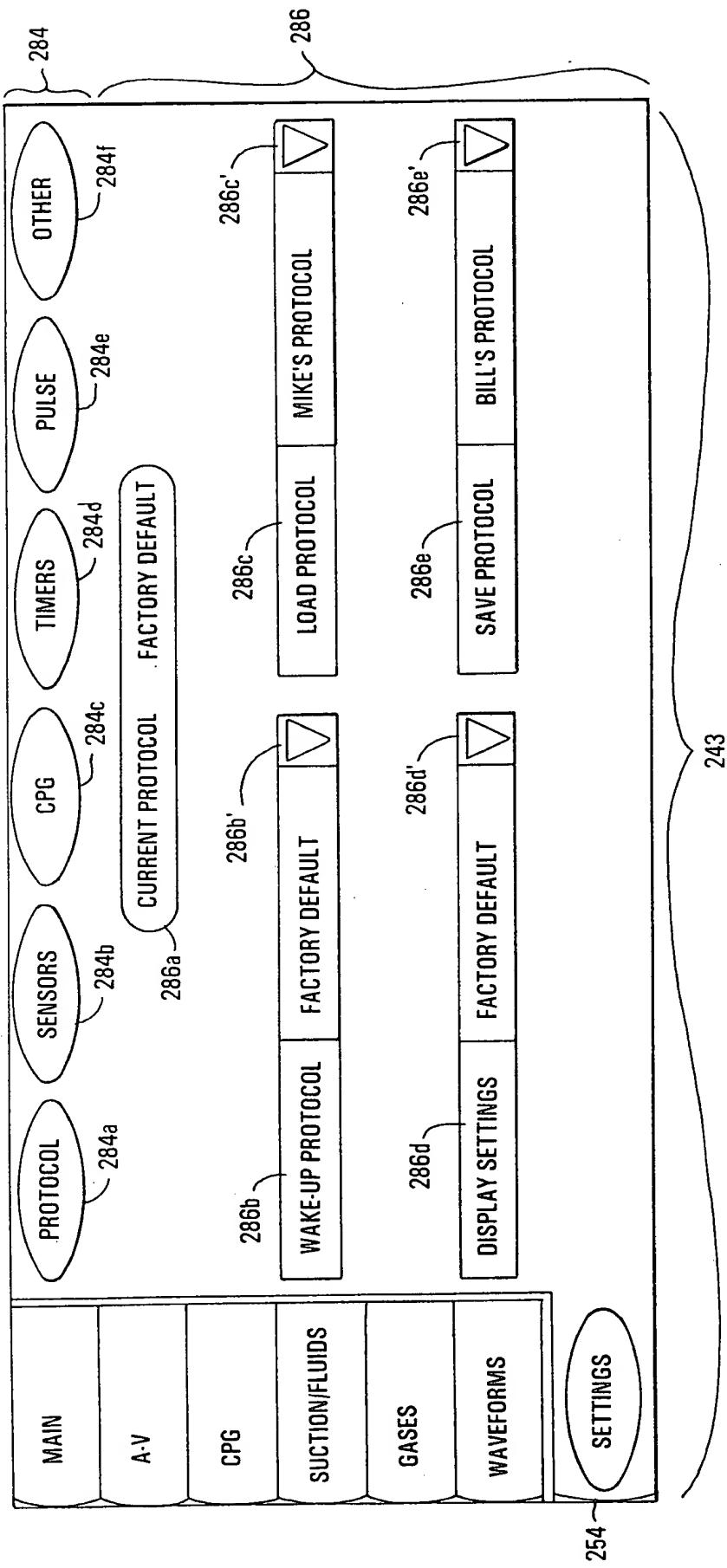
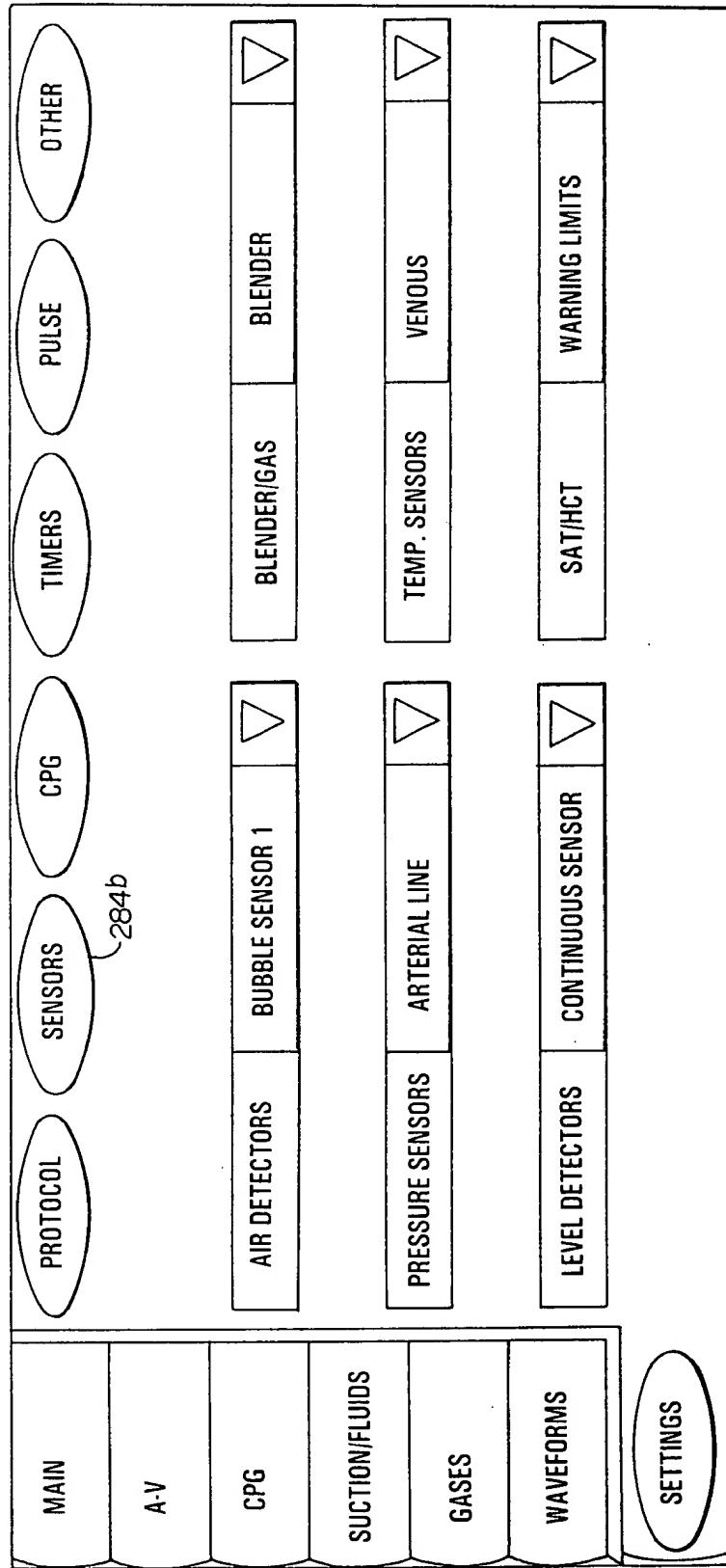


Fig. 33A



**Fig.33B**



**Fig.33C**

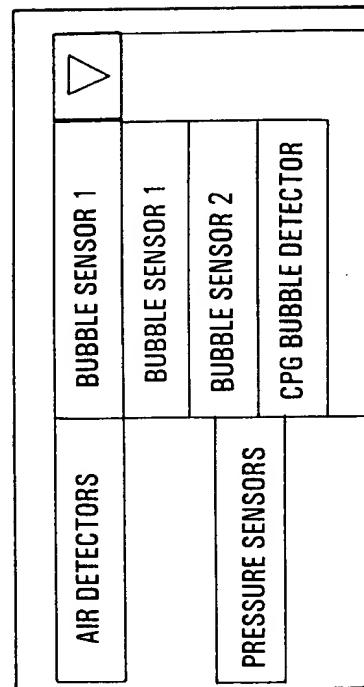


Fig. 33D

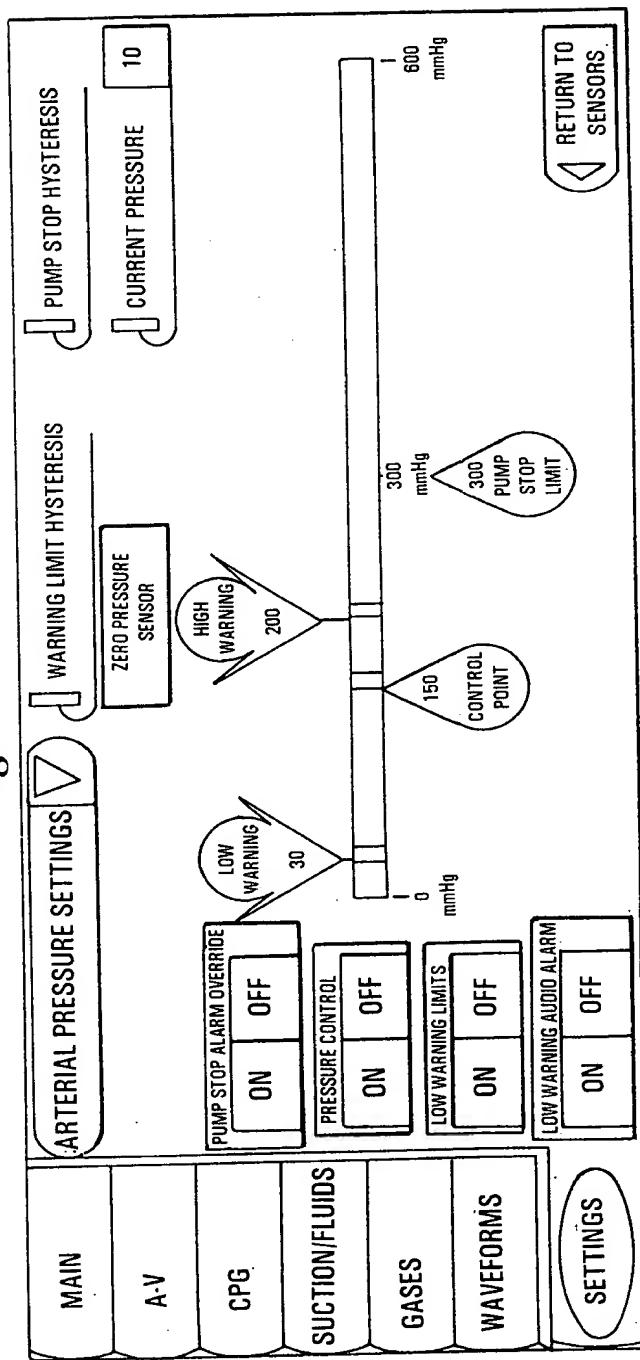


Fig. 33E

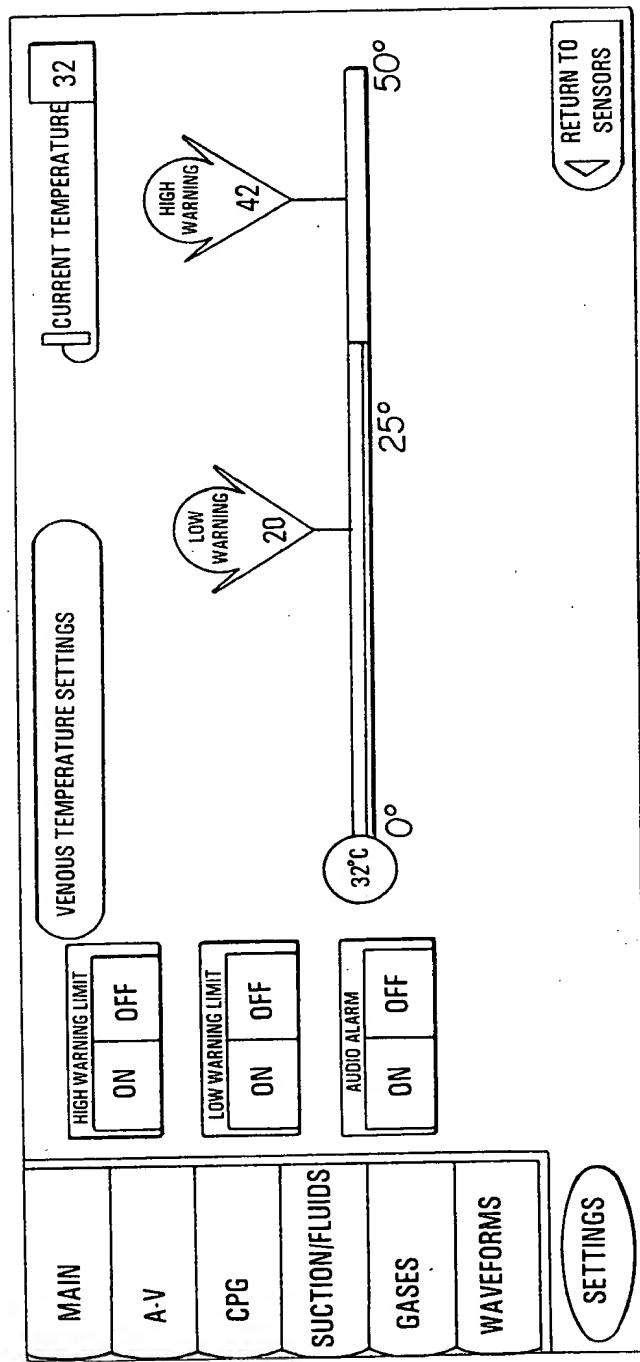


Fig. 33F

